

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064133.D
 Acq On : 14 Oct 2020 23:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 15 06:02:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	349943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	593887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	571907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	274752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	242179	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	7.55	113	189478	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	10.06	98	708088	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
62) 4-Bromofluorobenzene	12.38	95	247787	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	155847	47.268	ug/l	98
3) Chloromethane	2.04	50	199879	48.672	ug/l	99
4) Vinyl Chloride	2.16	62	244297	47.792	ug/l	97
5) Bromomethane	2.52	94	201085	52.420	ug/l	98
6) Chloroethane	2.67	64	196736	48.410	ug/l	97
7) Trichlorofluoromethane	2.98	101	343322	48.832	ug/l	96
8) Diethyl Ether	3.37	74	112466	51.130	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	159397	46.184	ug/l	99
10) Methyl Iodide	3.91	142	233333	47.954	ug/l	100
11) Tert butyl alcohol	4.73	59	167557	303.636	ug/l	99
12) 1,1-Dichloroethene	3.69	96	162747	46.694	ug/l	96
13) Acrolein	3.57	56	91530	201.936	ug/l	97
14) Allyl chloride	4.28	41	267457	49.181	ug/l	99
15) Acrylonitrile	4.93	53	437500	276.119	ug/l	99
16) Acetone	3.77	43	407071	275.362	ug/l	97
17) Carbon Disulfide	4.01	76	465151	46.693	ug/l	99
18) Methyl Acetate	4.27	43	199791	53.876	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	544186	52.934	ug/l	98
20) Methylene Chloride	4.50	84	212592	46.475	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	192029	48.596	ug/l	99
22) Diisopropyl ether	5.90	45	564341	53.419	ug/l	94
23) Vinyl Acetate	5.84	43	2656245	281.480	ug/l	99
24) 1,1-Dichloroethane	5.80	63	365331	49.520	ug/l	99
25) 2-Butanone	6.78	43	637148	280.212	ug/l	98
26) 2,2-Dichloropropane	6.78	77	280978	45.777	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	229634	49.399	ug/l	100
28) Bromochloromethane	7.15	49	172977	49.226	ug/l #	98
29) Tetrahydrofuran	7.16	42	386378	290.751	ug/l	98
30) Chloroform	7.33	83	396629	50.465	ug/l	100
31) Cyclohexane	7.61	56	238791	43.341	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	337380	49.677	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267558	46.741	ug/l	99
37) Ethyl Acetate	6.88	43	280731	55.261	ug/l	100
38) Carbon Tetrachloride	7.73	117	289430	47.021	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	221703	46.069	ug/l	99
40) Benzene	8.00	78	852929	49.203	ug/l	98
41) Methacrylonitrile	7.13	41	115771	52.637	ug/l	96
42) 1,2-Dichloroethane	8.08	62	317278	51.440	ug/l	100
43) Isopropyl Acetate	8.13	43	452802	53.712	ug/l	99
44) Trichloroethene	8.80	130	217903	47.804	ug/l	96
45) 1,2-Dichloropropane	9.08	63	225842	49.726	ug/l	100
46) Dibromomethane	9.17	93	161771	50.205	ug/l	99
47) Bromodichloromethane	9.37	83	323484	51.312	ug/l	99
48) Methyl methacrylate	9.17	41	218835	56.198	ug/l	99
49) 1,4-Dioxane	9.17	88	73174	1237.513	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1435977	287.865	ug/l	100
52) Toluene	10.13	92	531115	49.864	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	336315	51.994	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	355288	49.989	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	228561	51.798	ug/l	98
56) Ethyl methacrylate	10.40	69	314382	49.210	ug/l	99
57) 1,3-Dichloropropane	10.68	76	372991	51.328	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	834213	256.237	ug/l	100
59) 2-Hexanone	10.72	43	1054242	272.777	ug/l	100
60) Dibromochloromethane	10.87	129	254883	51.422	ug/l	99
61) 1,2-Dibromoethane	10.98	107	240809	53.617	ug/l	100
64) Tetrachloroethene	10.60	164	191645	44.446	ug/l	97
65) Chlorobenzene	11.41	112	579420	48.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	227203	49.690	ug/l	99
67) Ethyl Benzene	11.48	91	991411	49.141	ug/l	100
68) m/p-Xylenes	11.59	106	767107	92.405	ug/l	100
69) o-Xylene	11.92	106	372273	46.880	ug/l	97
70) Styrene	11.94	104	635142	46.434	ug/l	99
71) Bromoform	12.10	173	182081	48.154	ug/l #	97
73) Isopropylbenzene	12.22	105	941483	47.307	ug/l	100
74) N-amyl acetate	12.05	43	395297	53.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	331566	48.390	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	427175	66.271	ug/l #	100
77) Bromobenzene	12.50	156	258208	47.790	ug/l	99
78) n-propylbenzene	12.57	91	1081312	48.679	ug/l	100
79) 2-Chlorotoluene	12.65	91	663625	46.974	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	789308	49.411	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	109372	51.840	ug/l	99
82) 4-Chlorotoluene	12.75	91	681051	47.832	ug/l	99
83) tert-Butylbenzene	12.97	119	637755	48.274	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	791526	47.548	ug/l	100
85) sec-Butylbenzene	13.15	105	818181	48.176	ug/l	98
86) p-Isopropyltoluene	13.26	119	753922	46.974	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	437232	48.570	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	432956	47.022	ug/l	99
89) n-Butylbenzene	13.59	91	597522	48.283	ug/l	99
90) Hexachloroethane	13.85	117	128710	45.538	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	437086	48.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65801	49.895	ug/l	99

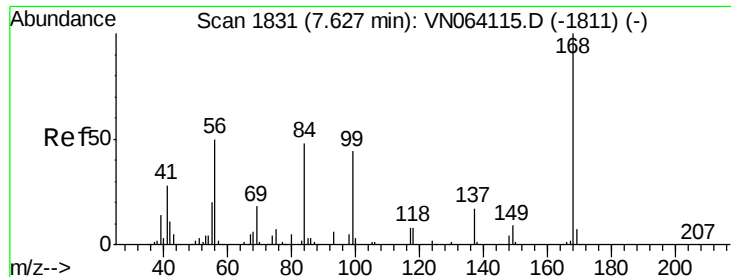
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	193753	44.417	ug/l	98
94) Hexachlorobutadiene	14.98	225	96317	45.125	ug/l	98
95) Naphthalene	15.10	128	604657	45.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	197288	45.272	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

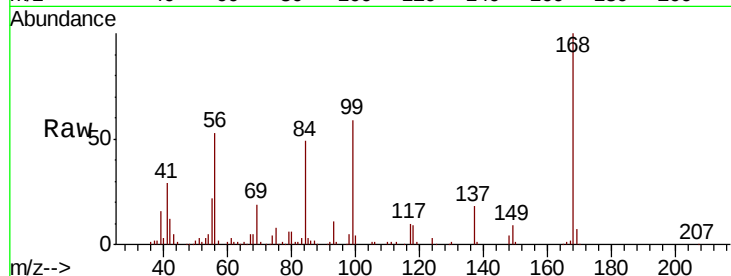
VSTDCCC050EC

Tot Ion:168 Resp: 349943

Ion Ratio Lower Upper

168 100

99 58.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

100000

50000

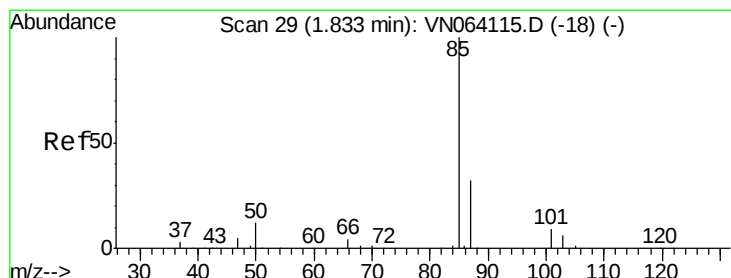
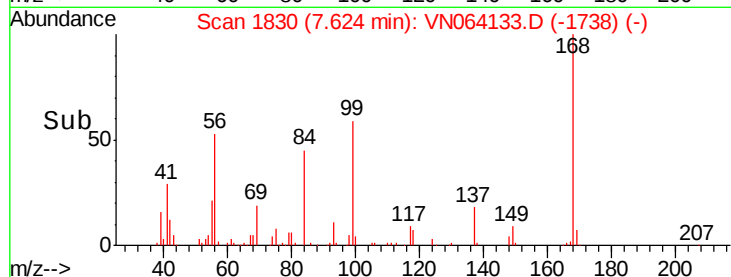
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 47.268 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064133.D

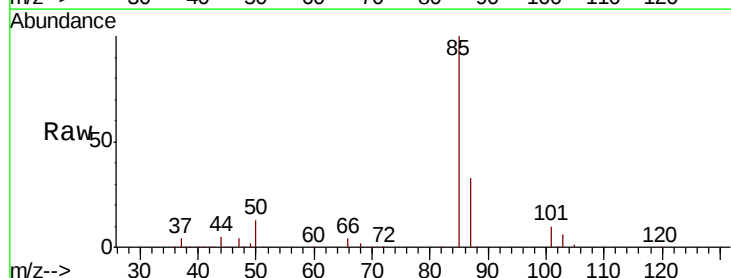
Acq: 14 Oct 2020 23:43

Tgt Ion: 85 Resp: 155847

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

50000

0

Time-->

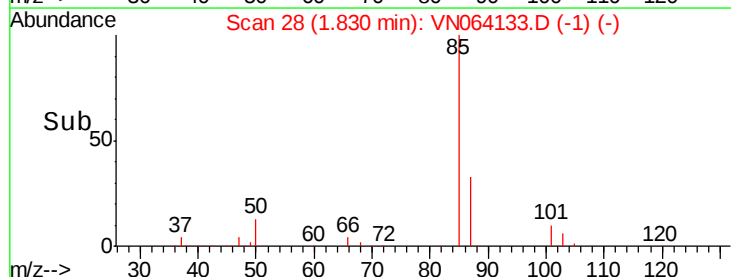
1.75

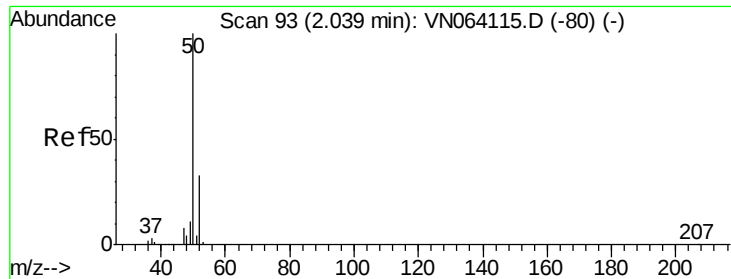
1.80

1.85

1.90

1.95





#3

Chloromethane

Concen: 48.672 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

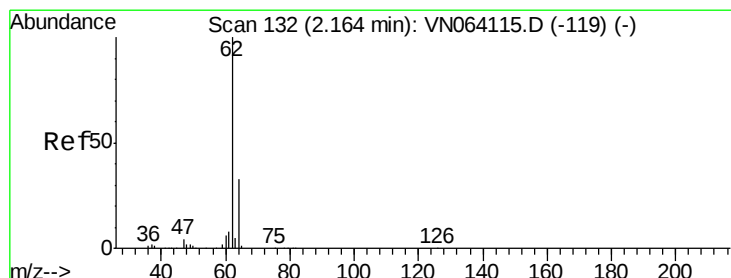
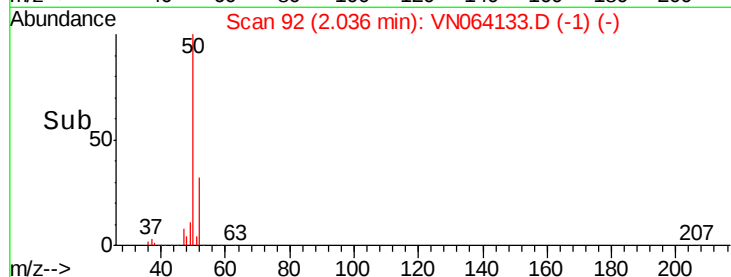
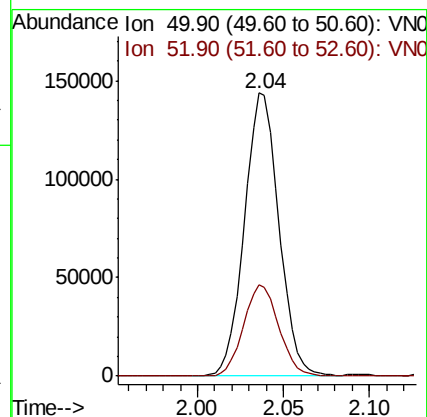
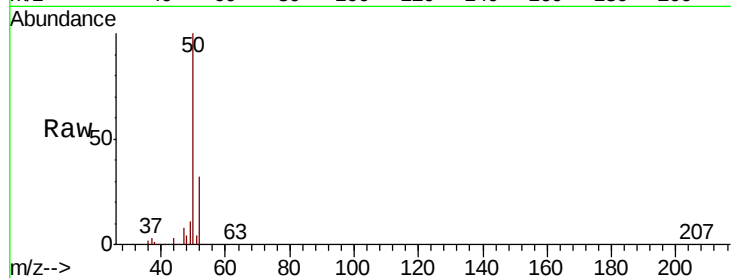
VSTDCCC050EC

Tot Ion: 50 Resp: 199879

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



#4

Vinyl Chloride

Concen: 47.792 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064133.D

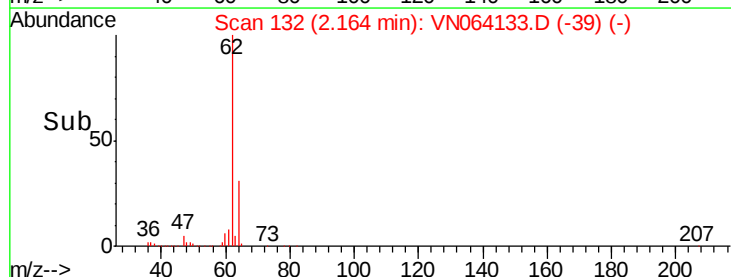
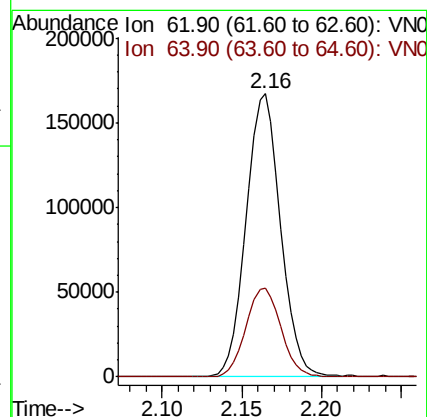
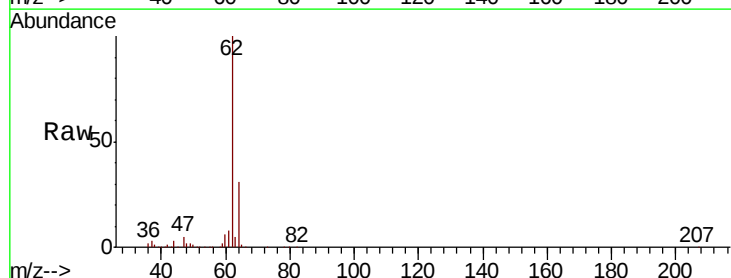
Acq: 14 Oct 2020 23:43

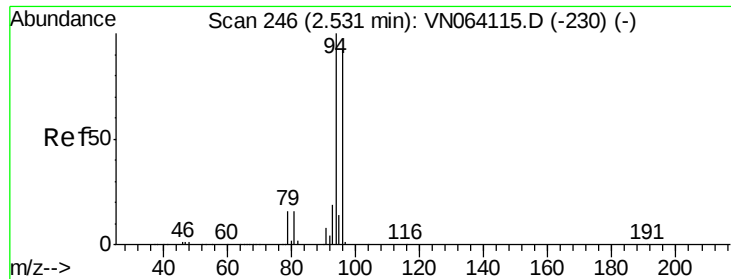
Tgt Ion: 62 Resp: 244297

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.4





#5

Bromomethane

Concen: 52.420 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

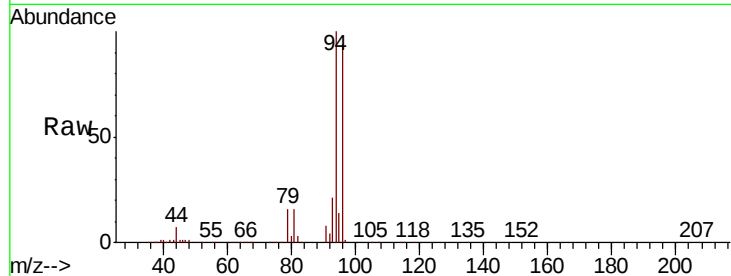
VSTDCCC050EC

Tot Ion: 94 Resp: 201085

Ion Ratio Lower Upper

94 100

96 93.7 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

100000

80000

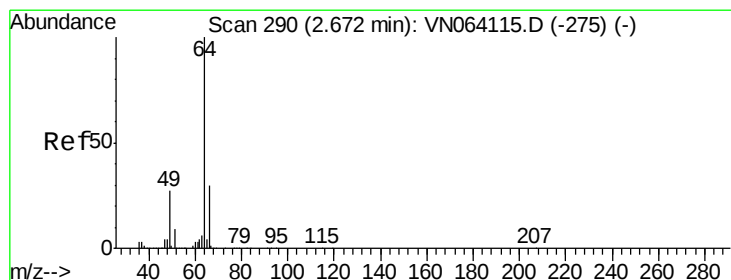
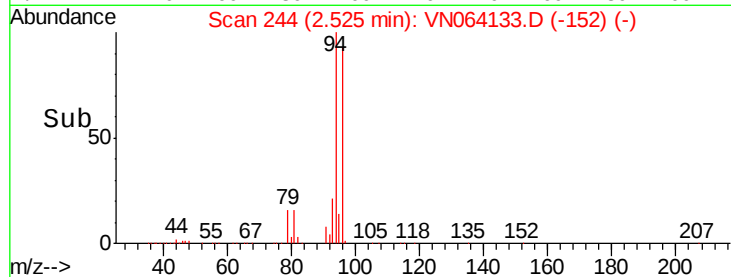
60000

40000

20000

0

Time--> 2.40 2.50 2.60



#6

Chloroethane

Concen: 48.410 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064133.D

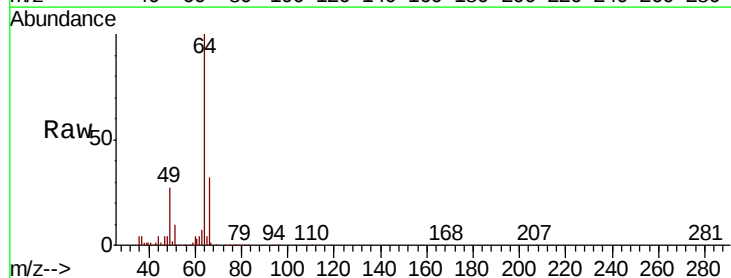
Acq: 14 Oct 2020 23:43

Tgt Ion: 64 Resp: 196736

Ion Ratio Lower Upper

64 100

66 32.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

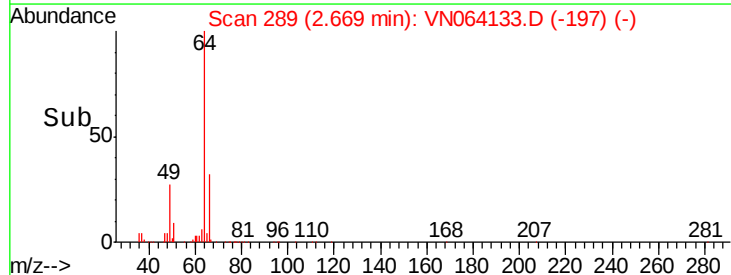
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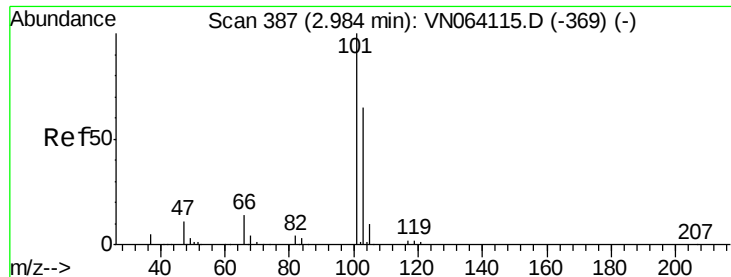
40000

20000

0

Time--> 2.55 2.60 2.65 2.70 2.75



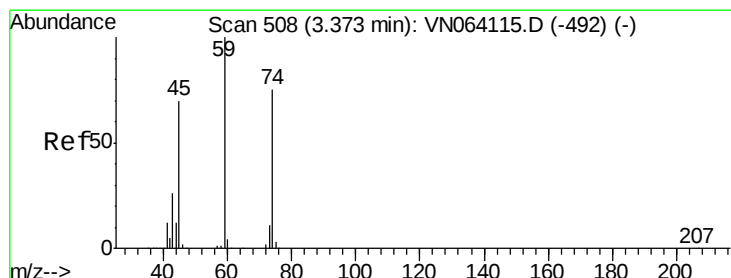
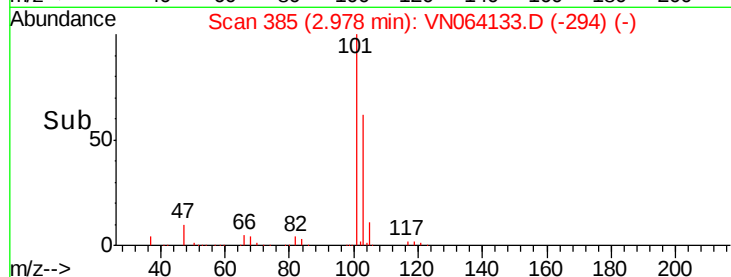
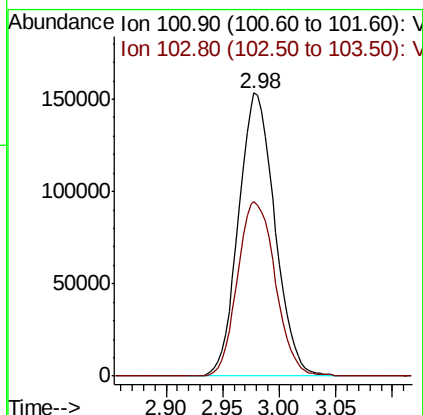
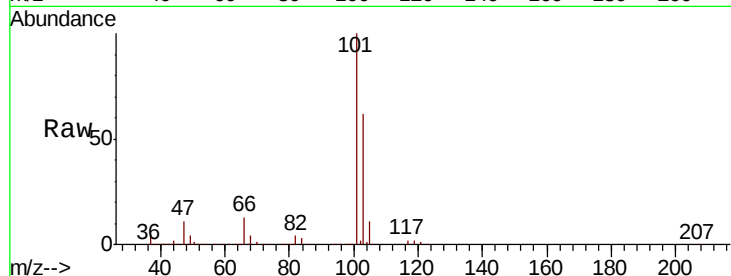


#7

Trichlorofluoromethane
Concen: 48.832 ug/l
RT: 2.98 min Scan# 385
Delta R.T. -0.01 min
Lab File: VN064133.D
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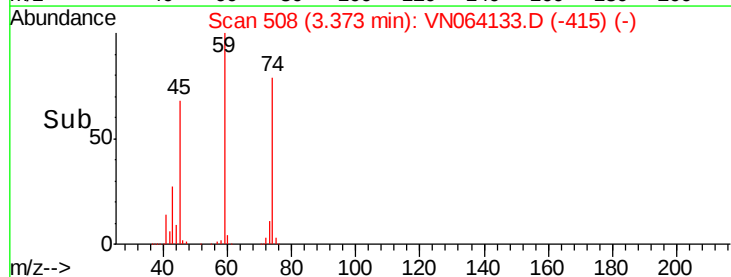
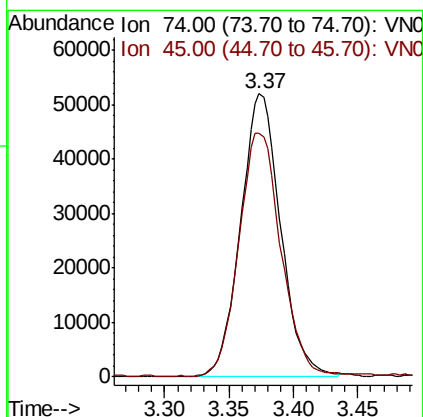
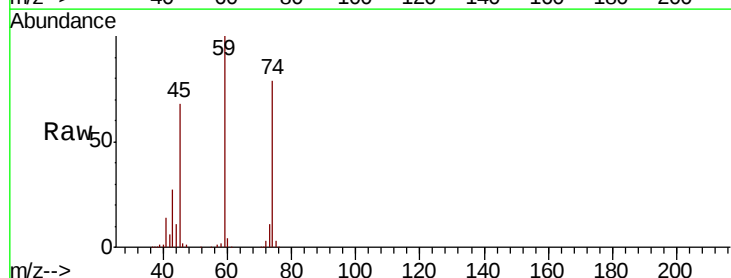
Tot Ion:101 Resp: 343322
Ion Ratio Lower Upper
101 100
103 61.4 51.8 77.6

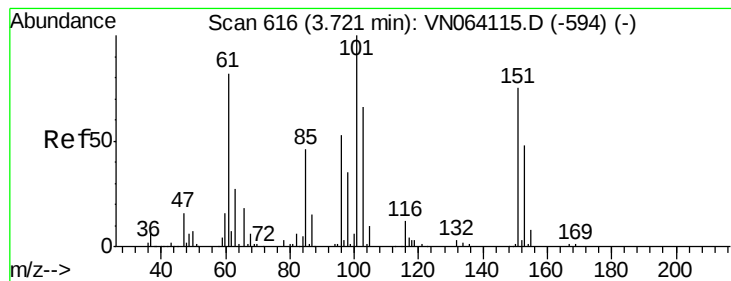


#8

Diethyl Ether
Concen: 51.130 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 74 Resp: 112466
Ion Ratio Lower Upper
74 100
45 90.0 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.184 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

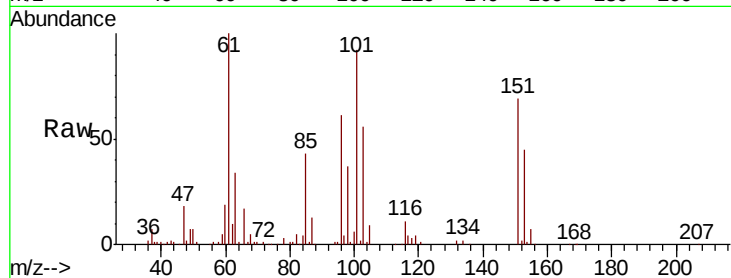
Tot Ion:101 Resp: 159397

Ion Ratio Lower Upper

101 100

85 45.6 36.9 55.3

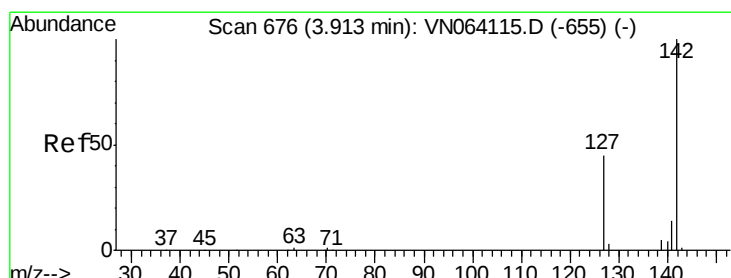
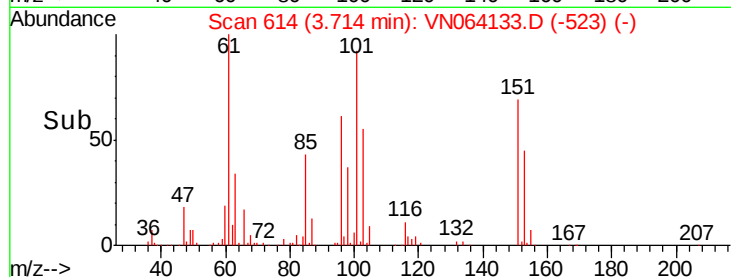
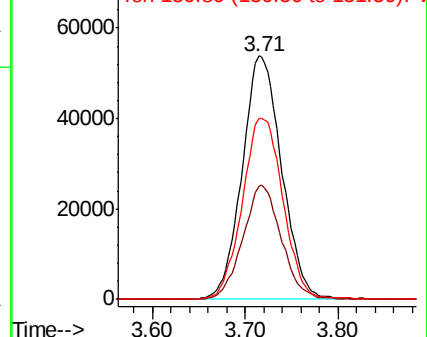
151 76.3 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.954 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

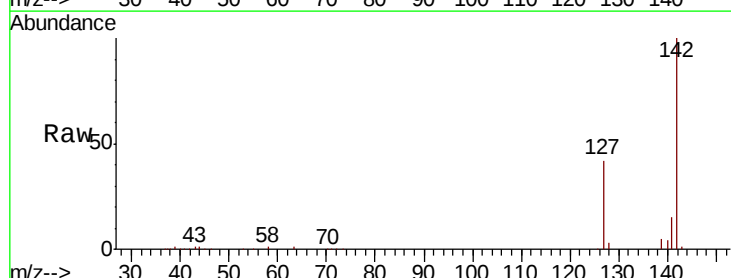
Tgt Ion:142 Resp: 233333

Ion Ratio Lower Upper

142 100

127 45.8 36.3 54.5

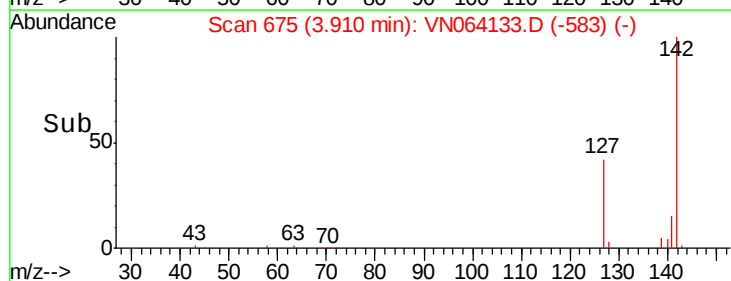
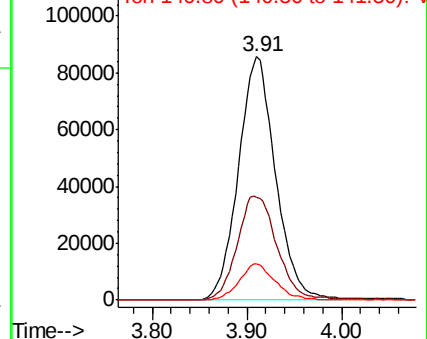
141 14.4 11.6 17.4

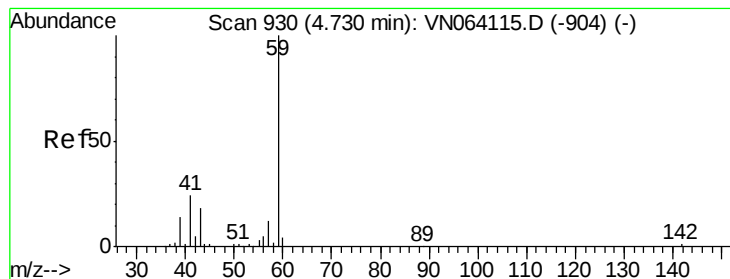


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



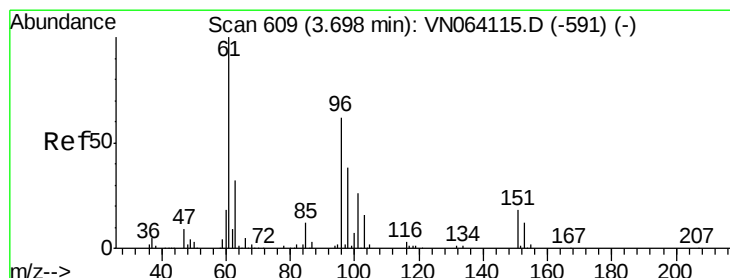
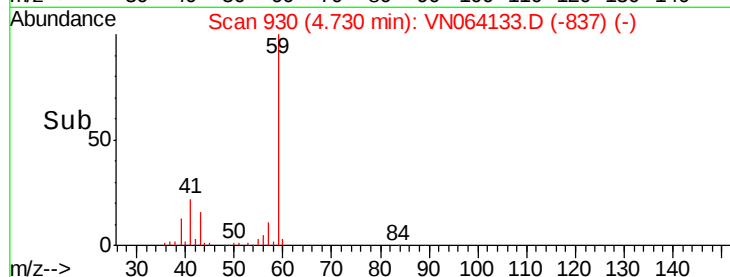
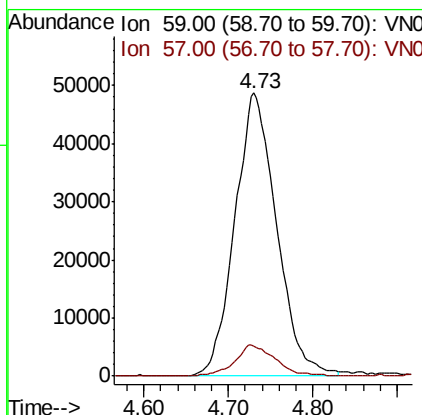
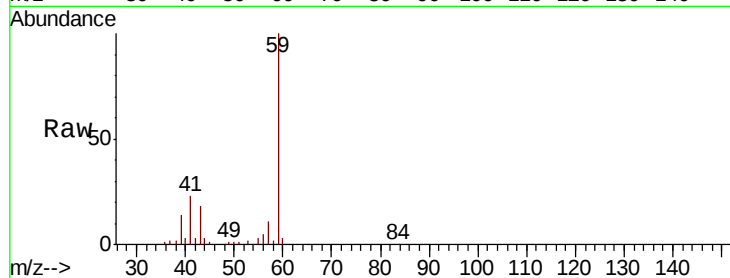


#11

Tert butyl alcohol
 Concen: 303.636 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

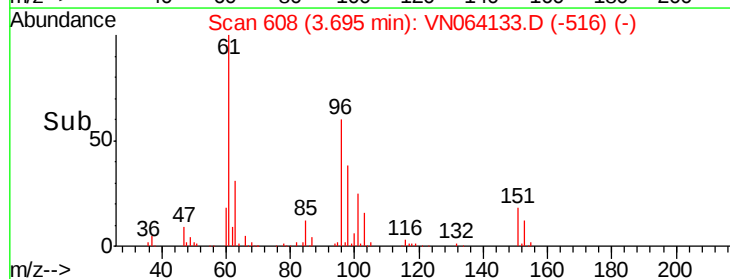
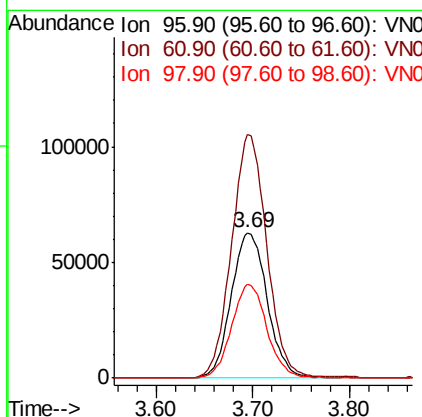
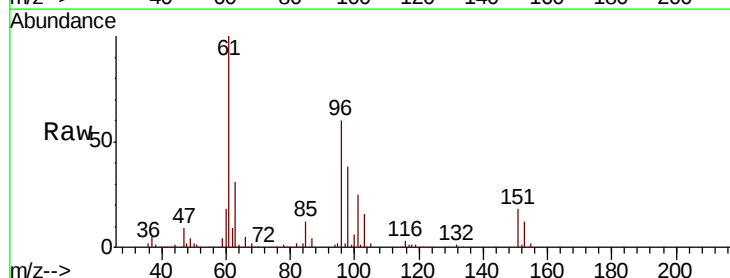
Tot Ion: 59 Resp: 167557
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.9 13.3

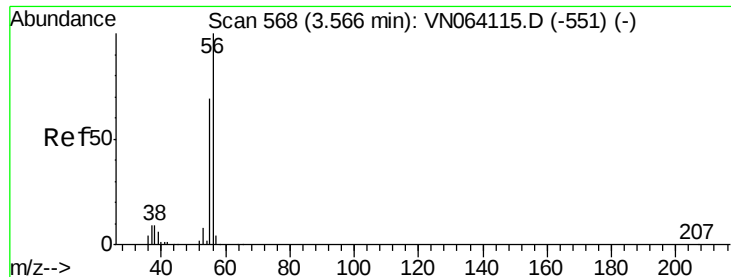


#12

1,1-Dichloroethene
 Concen: 46.694 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 96 Resp: 162747
 Ion Ratio Lower Upper
 96 100
 61 167.0 129.9 194.9
 98 64.3 48.9 73.3





#13

Acrolein

Concen: 201.936 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

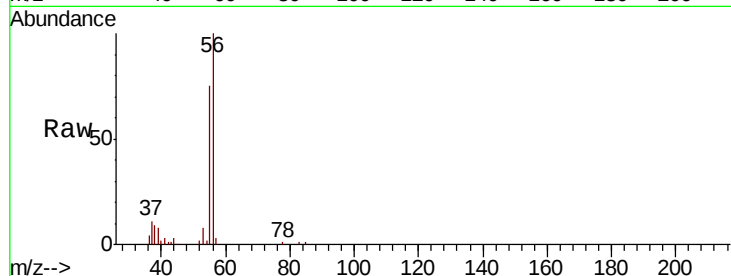
VSTDCCC050EC

Tot Ion: 56 Resp: 91530

Ion Ratio Lower Upper

56 100

55 72.5 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN064133.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064133.D (-551) (-)

3.57

40000

30000

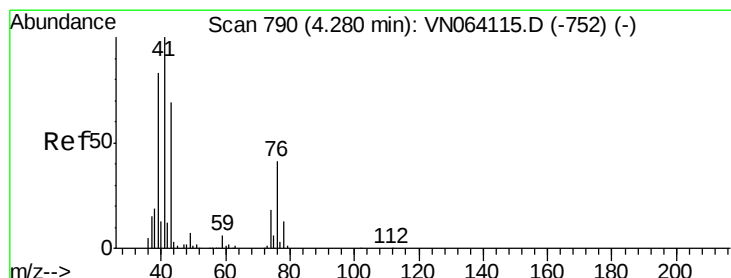
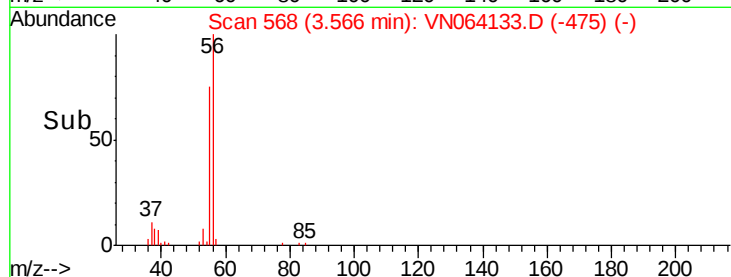
20000

10000

0

Time-->

3.50 3.60



#14

Allyl chloride

Concen: 49.181 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

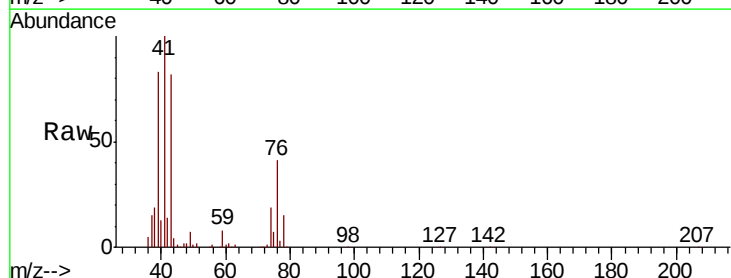
Tgt Ion: 41 Resp: 267457

Ion Ratio Lower Upper

41 100

39 74.4 60.5 90.7

76 37.5 29.5 44.3



Abundance Ion 41.00 (40.70 to 41.70): VN064133.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN064133.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN064133.D (-697) (-)

4.28

100000

80000

60000

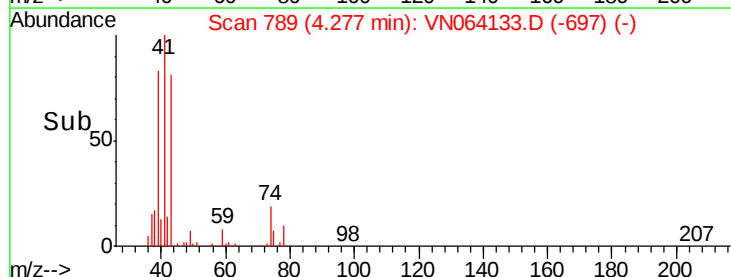
40000

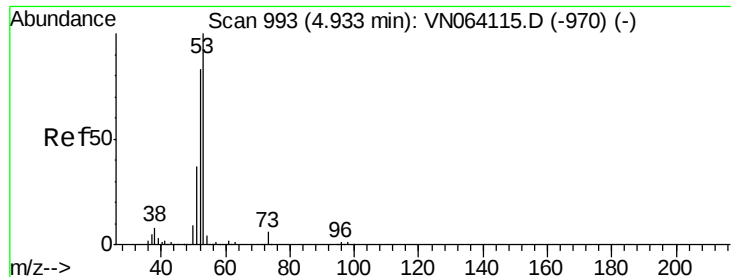
20000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 276.119 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

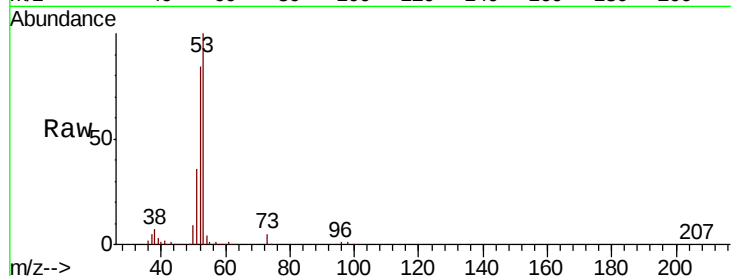
Tot Ion: 53 Resp: 437500

Ion Ratio Lower Upper

53 100

52 83.0 65.8 98.6

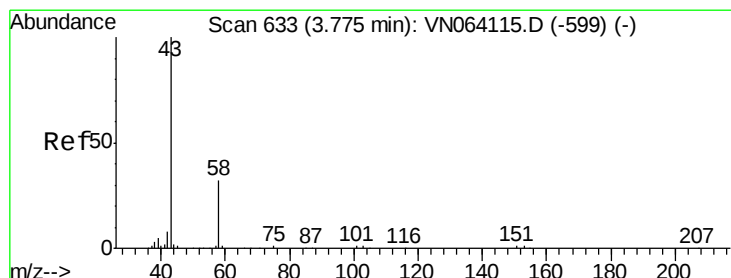
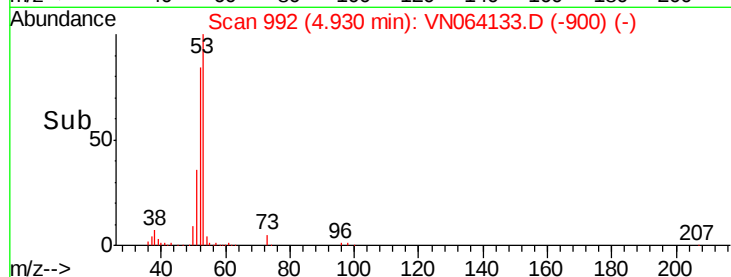
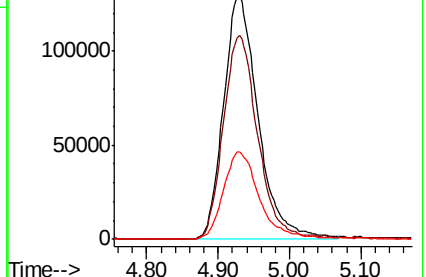
51 36.8 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VN064115.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064115.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064115.D (-970) (-)



#16

Acetone

Concen: 275.362 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064133.D

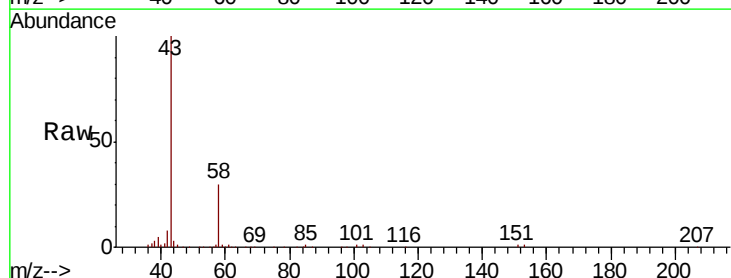
Acq: 14 Oct 2020 23:43

Tgt Ion: 43 Resp: 407071

Ion Ratio Lower Upper

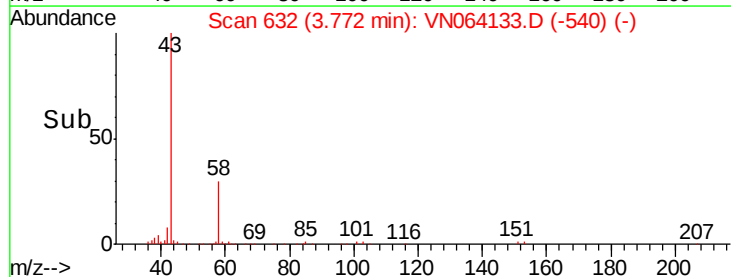
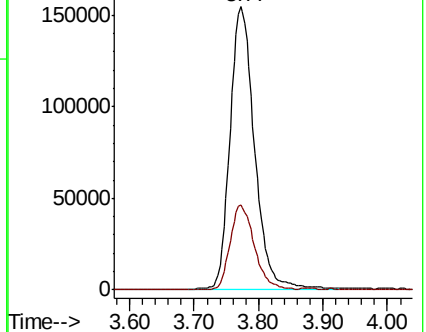
43 100

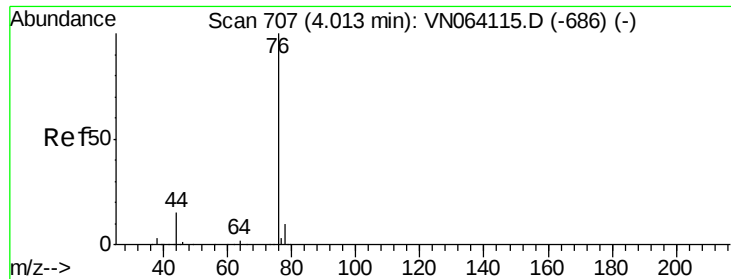
58 30.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN064115.D (-599) (-)

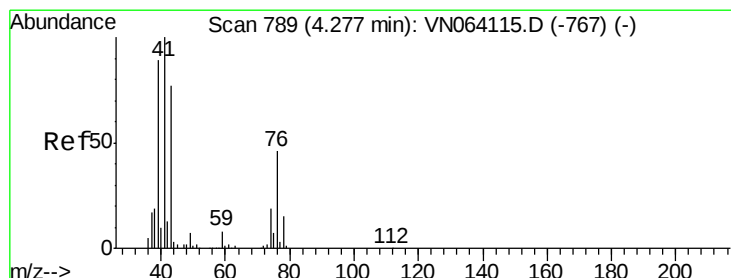
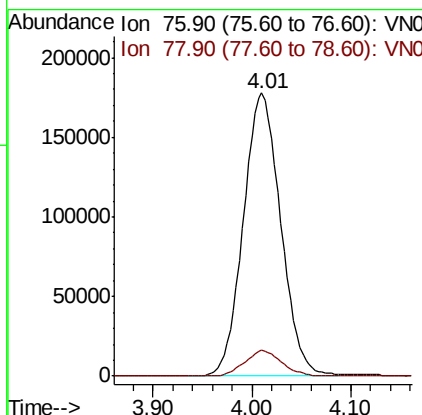
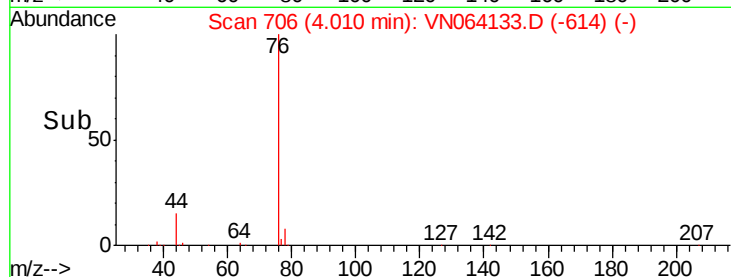
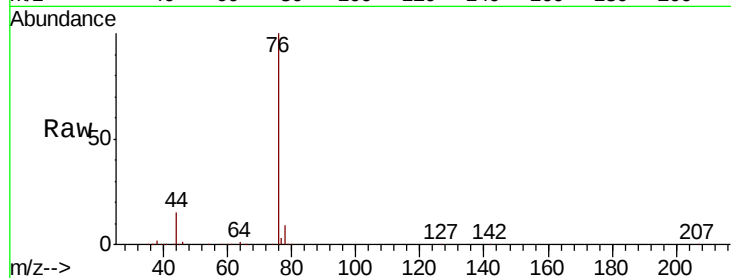




#17
Carbon Disulfide
Concen: 46.693 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

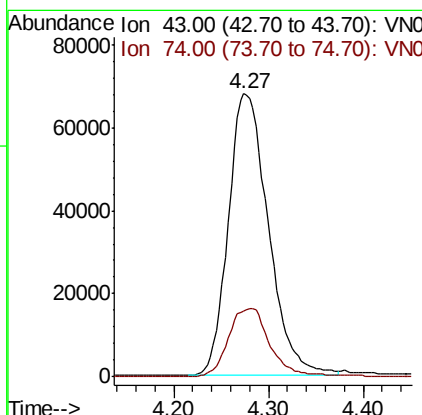
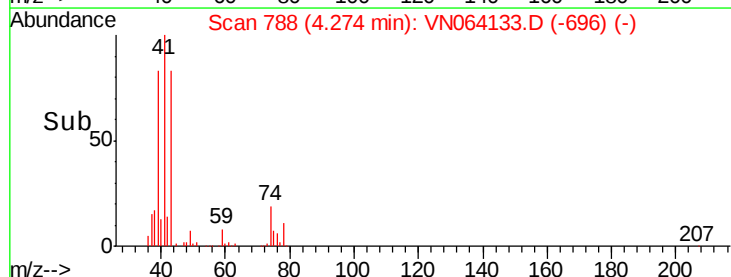
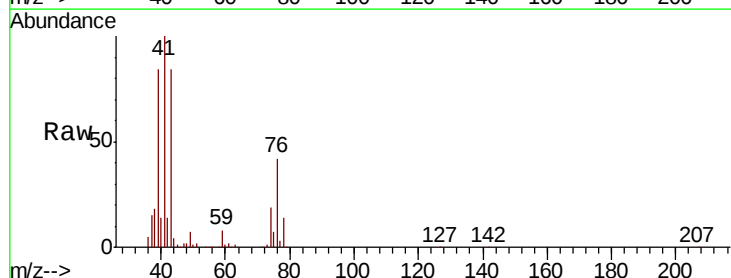
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

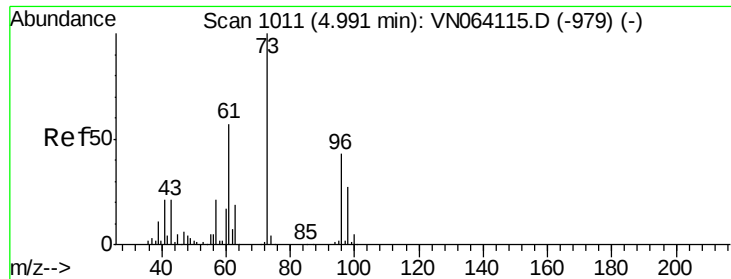
Tot Ion: 76 Resp: 465151
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 53.876 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 43 Resp: 199791
Ion Ratio Lower Upper
43 100
74 25.1 19.7 29.5

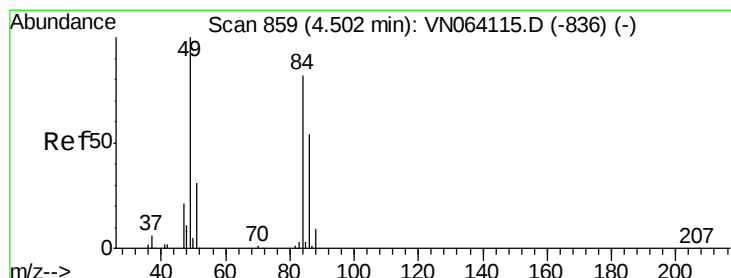
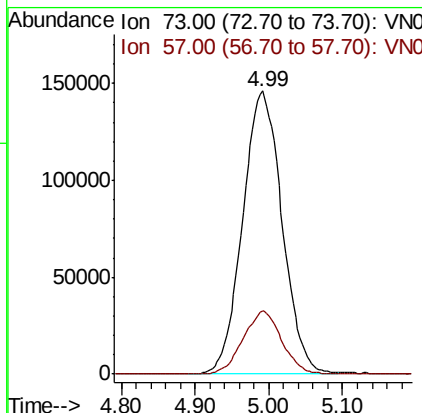
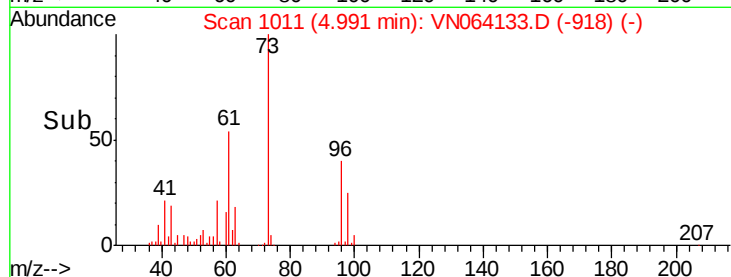
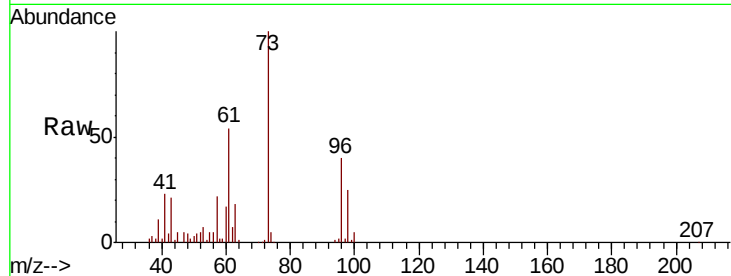




#19
Methvl tert-butvl Ether
Concen: 52.934 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

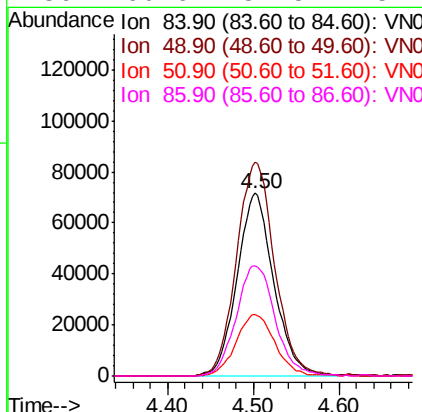
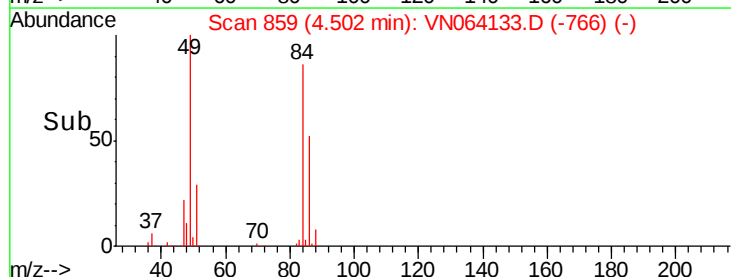
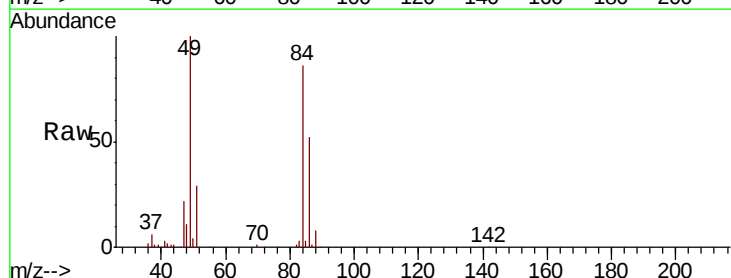
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

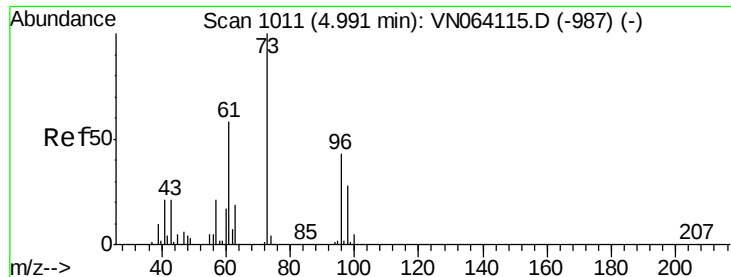
Tot Ion: 73 Resp: 544186
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.4



#20
Methylene Chloride
Concen: 46.475 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 84 Resp: 212592
Ion Ratio Lower Upper
84 100
49 116.9 97.4 146.0
51 33.6 29.7 44.5
86 60.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.596 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

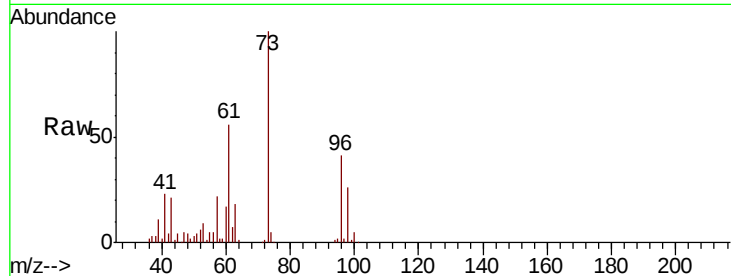
Tot Ion: 96 Resp: 192029

Ion Ratio Lower Upper

96 100

61 135.4 107.0 160.4

98 62.6 51.0 76.6

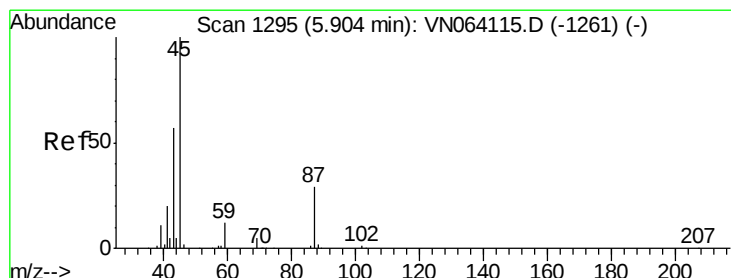
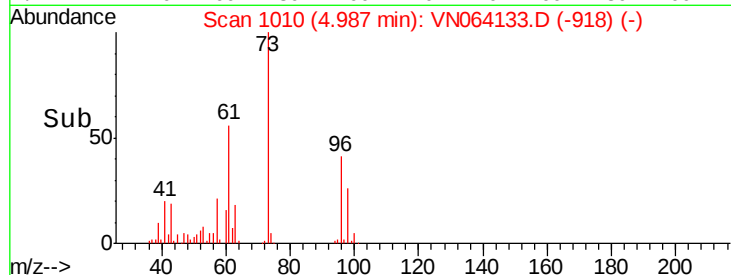
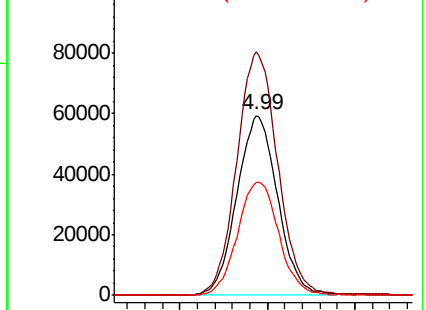


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 53.419 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion: 45 Resp: 564341

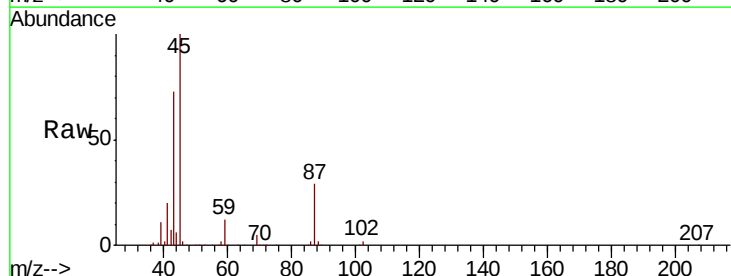
Ion Ratio Lower Upper

45 100

43 71.0 50.9 76.3

87 29.2 23.5 35.3

59 11.4 9.4 14.2



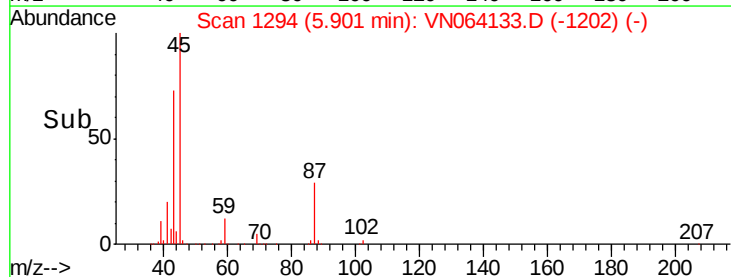
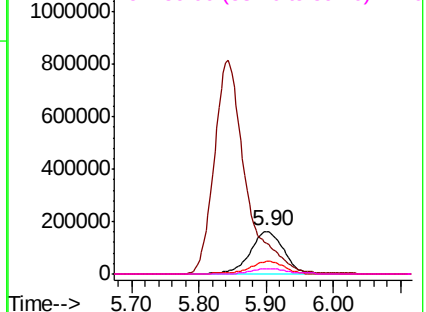
Abundance

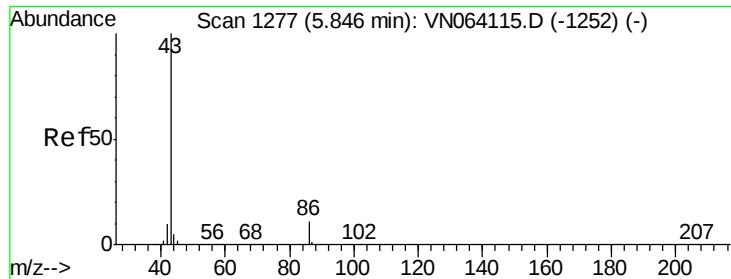
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 281.480 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

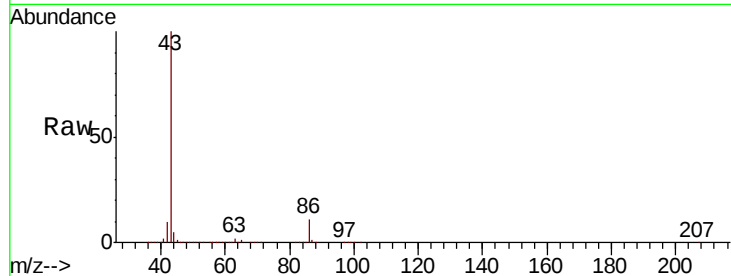
VSTDCCC050EC

Tot Ion: 43 Resp: 2656245

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064133.D (-1276) (-)

Ion 86.00 (85.70 to 86.70): VN064133.D (-1276) (-)

5.84

800000

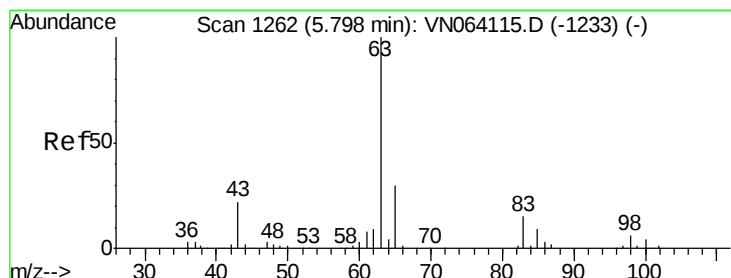
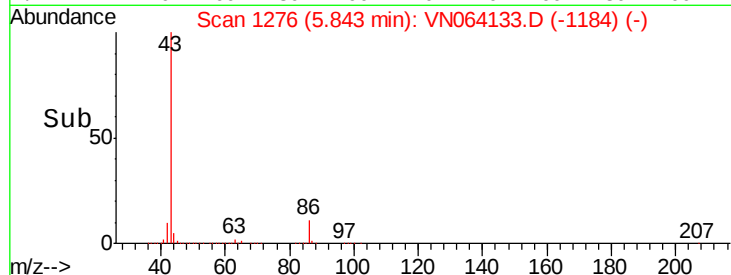
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.520 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

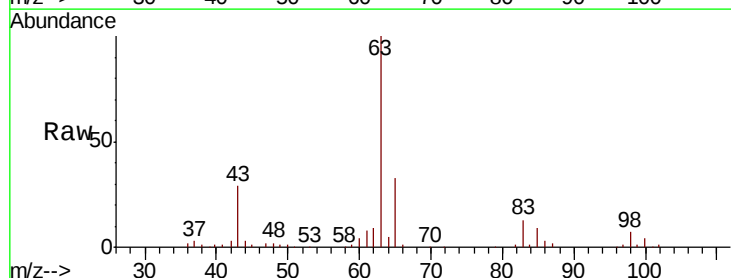
Tgt Ion: 63 Resp: 365331

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

100 4.2 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN064133.D (-1262) (-)

Ion 97.90 (97.60 to 98.60): VN064133.D (-1262) (-)

Ion 99.90 (99.60 to 100.60): VN064133.D (-1262) (-)

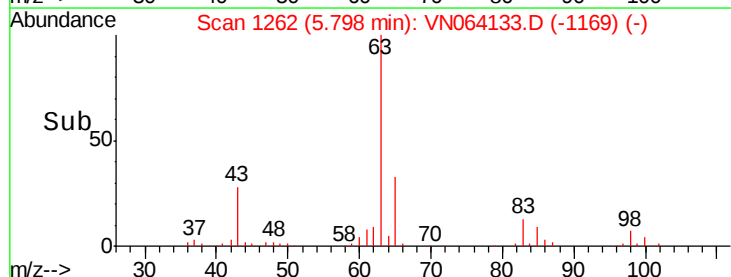
150000

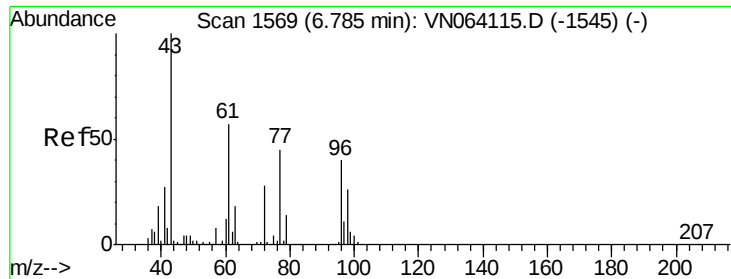
100000

50000

0

Time-->

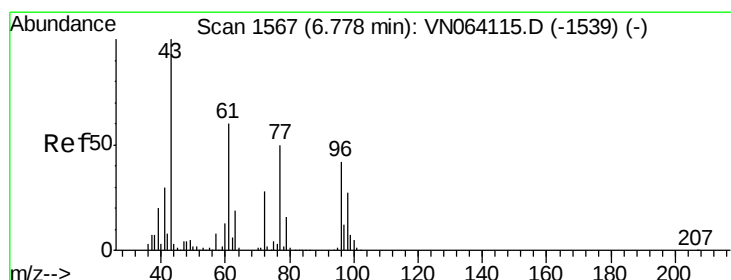
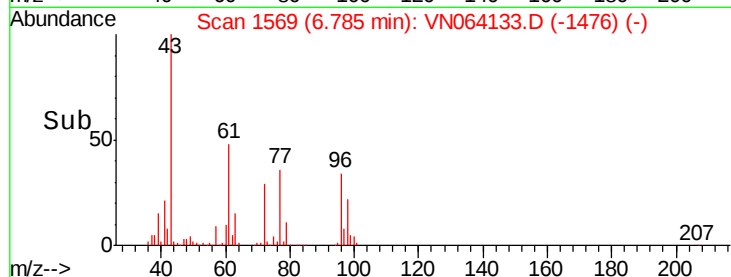
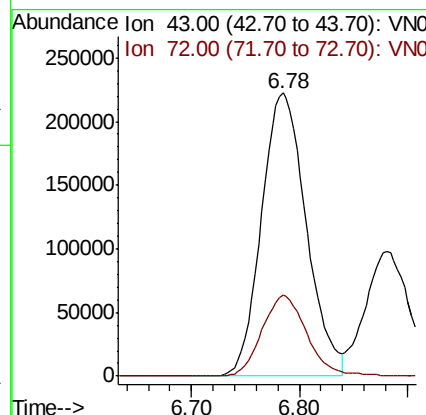
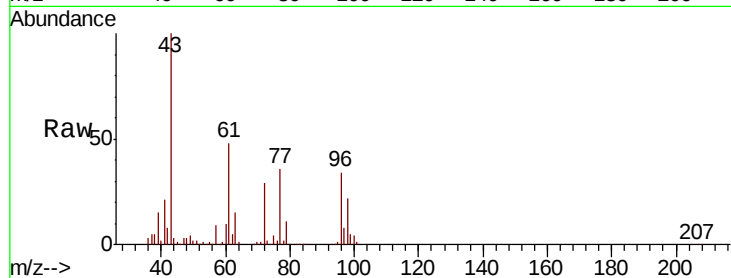




#25
 2-Butanone
 Concen: 280.212 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

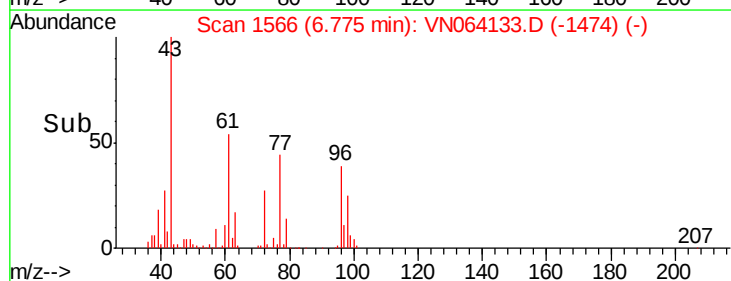
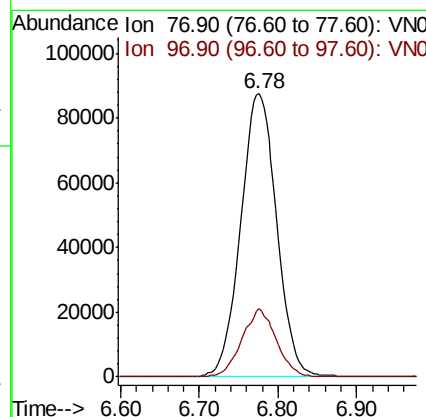
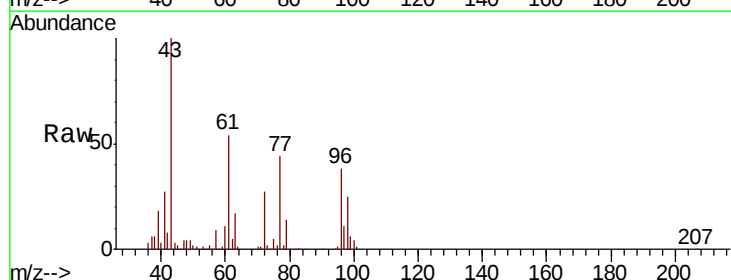
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

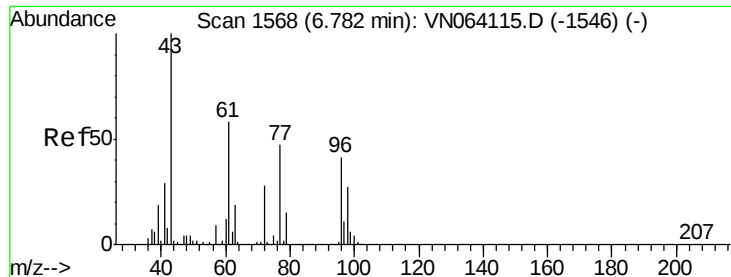
Tot Ion: 43 Resp: 637148
 Ion Ratio Lower Upper
 43 100
 72 28.6 22.2 33.2



#26
 2,2-Dichloropropane
 Concen: 45.777 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 77 Resp: 280978
 Ion Ratio Lower Upper
 77 100
 97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.399 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

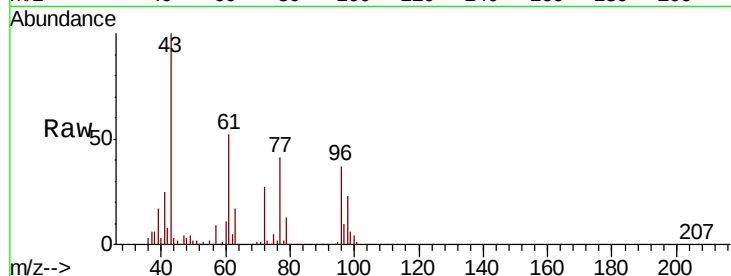
Tot Ion: 96 Resp: 229634

Ion Ratio Lower Upper

96 100

61 142.7 0.0 285.6

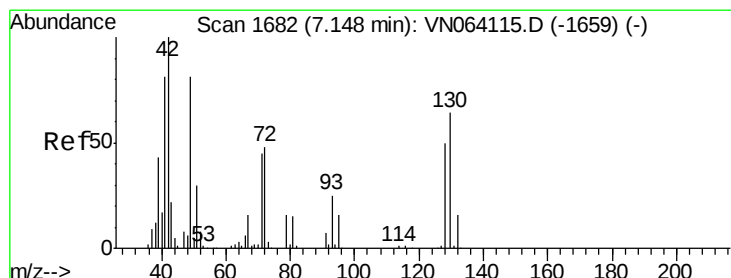
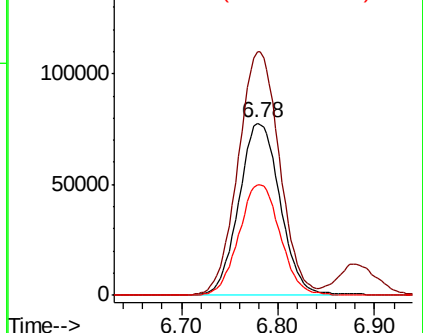
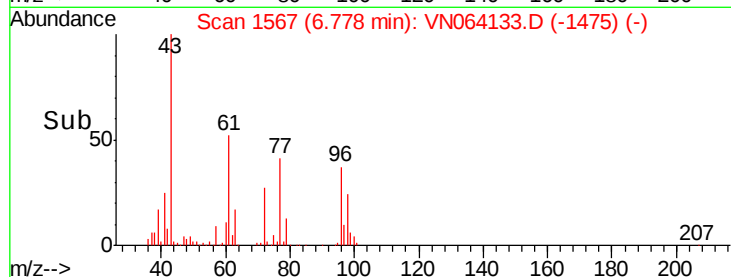
98 64.8 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VN064133.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064133.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064133.D (-1546) (-)



#28

Bromochloromethane

Concen: 49.226 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

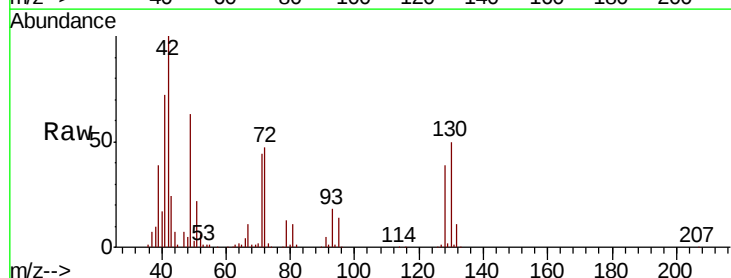
Tgt Ion: 49 Resp: 172977

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.0

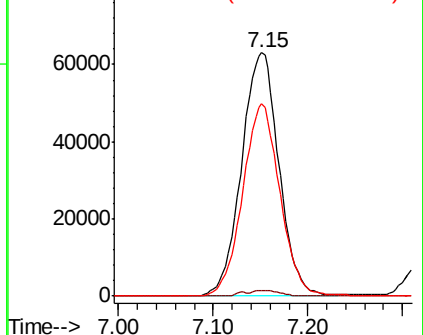
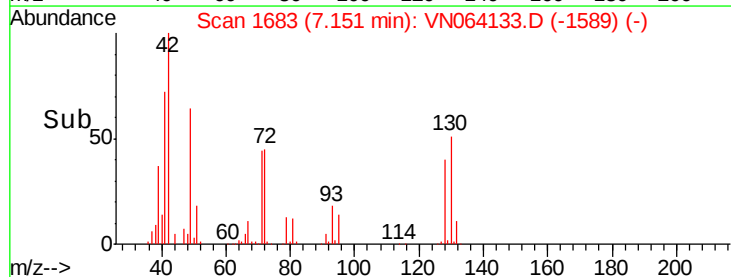
130 78.3 0.0 0.0#

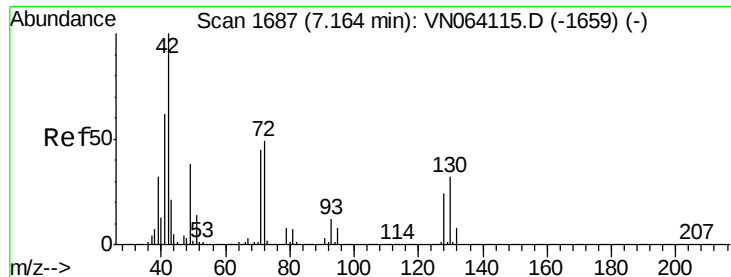


Abundance Ion 48.90 (48.60 to 49.60): VN064133.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064133.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064133.D (-1589) (-)

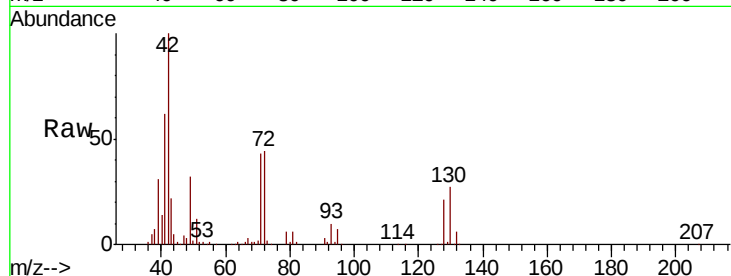




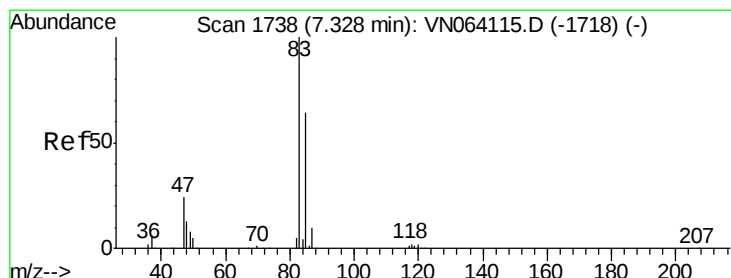
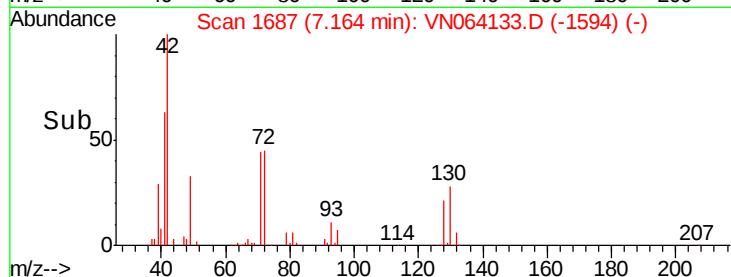
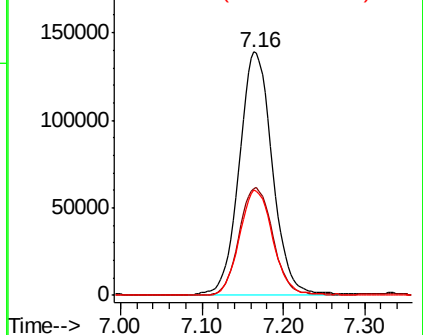
#29
Tetrahydrofuran
Concen: 290.751 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 386378
Ion Ratio Lower Upper
42 100
72 45.4 37.8 56.6
71 43.9 35.3 52.9

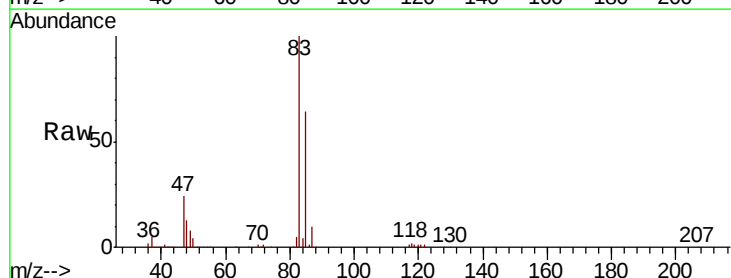


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

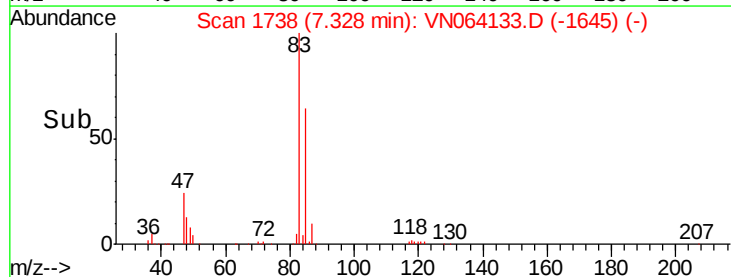
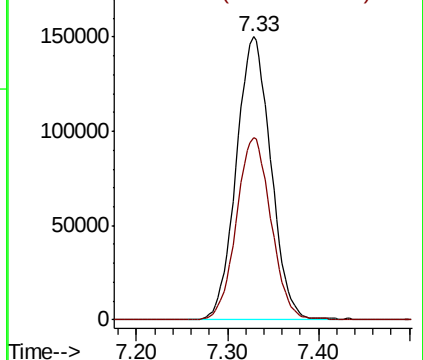


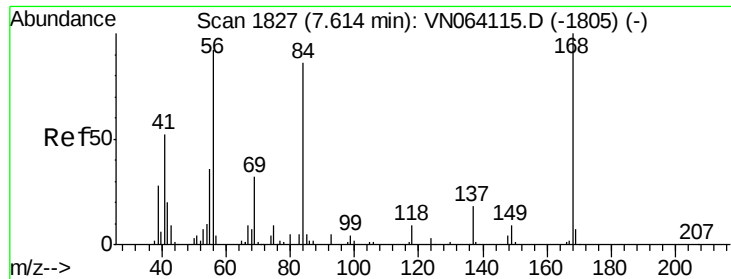
#30
Chloroform
Concen: 50.465 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 83 Resp: 396629
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

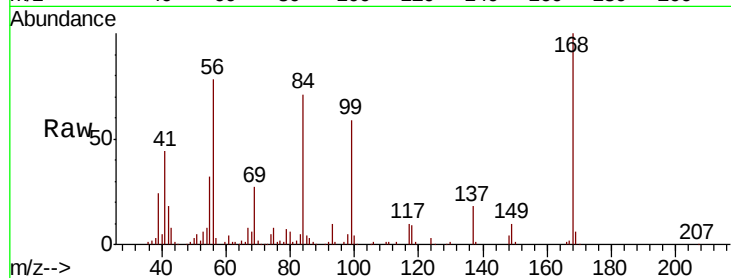




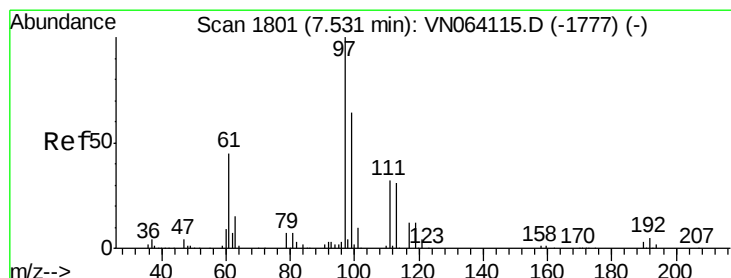
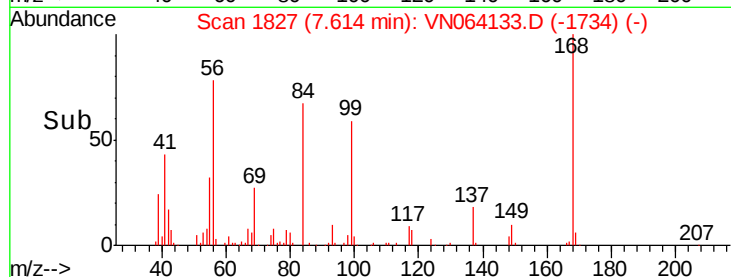
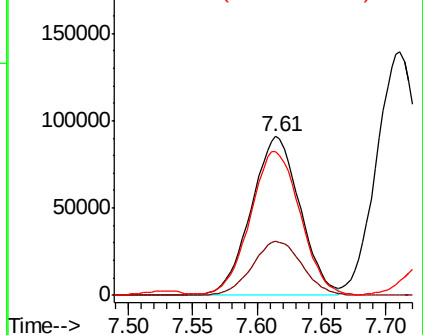
#31
Cyclohexane
Concen: 43.341 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 238791
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.6
84 89.6 73.2 109.8

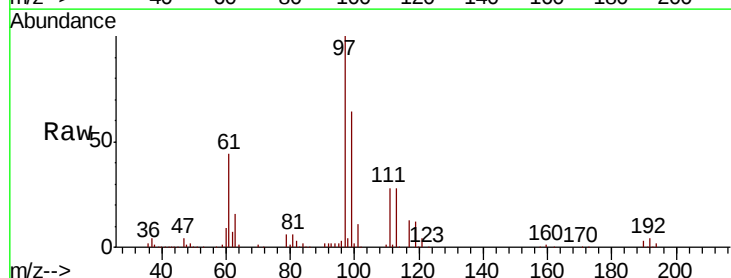


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

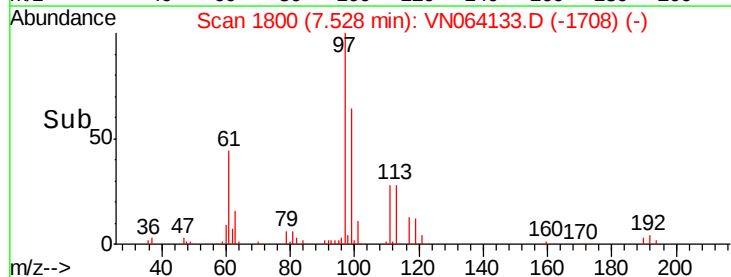
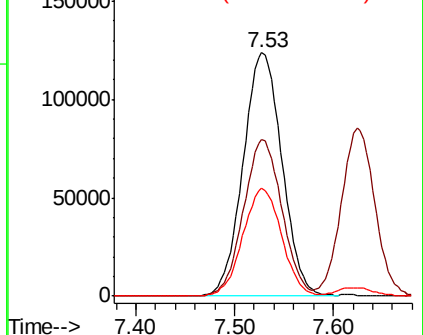


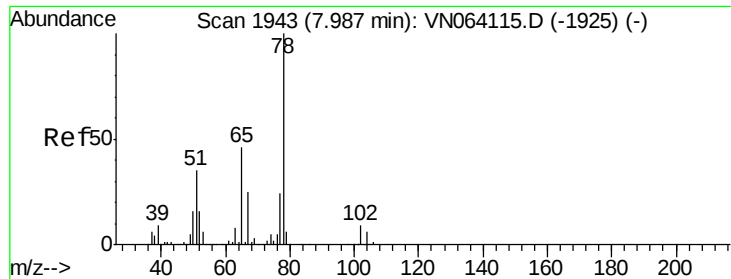
#32
1,1,1-Trichloroethane
Concen: 49.677 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 97 Resp: 337380
Ion Ratio Lower Upper
97 100
99 63.4 50.2 75.2
61 44.2 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

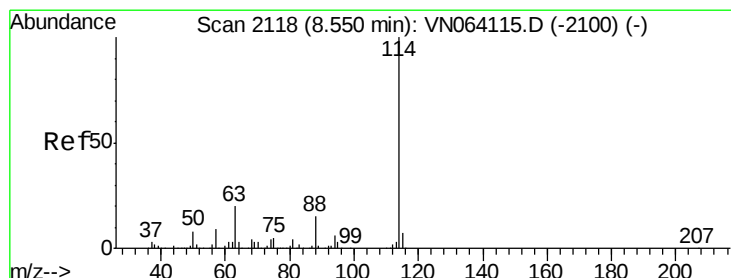
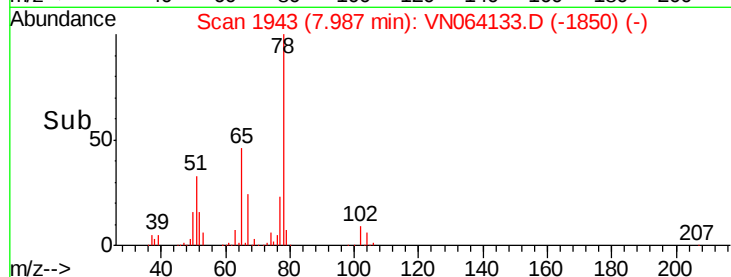
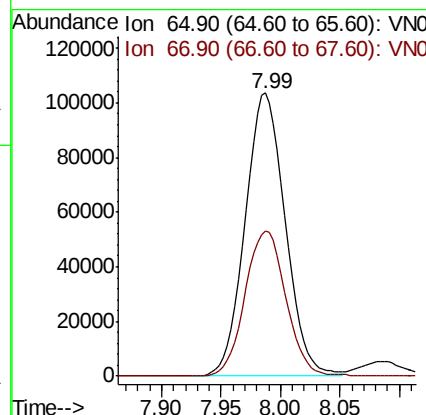
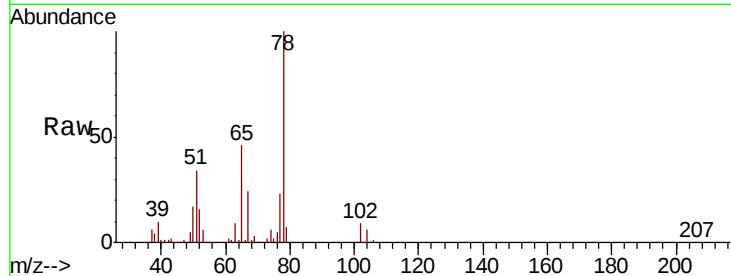




#33
 1,2-Dichloroethane-d4
 Concen: 48.592 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

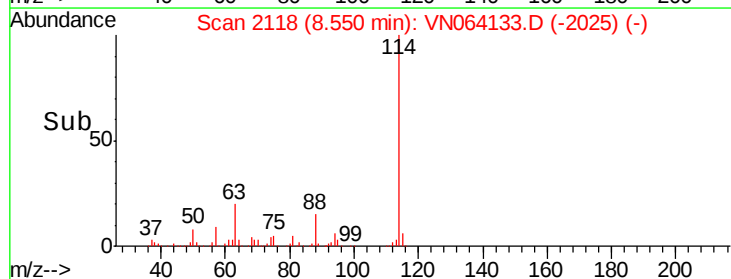
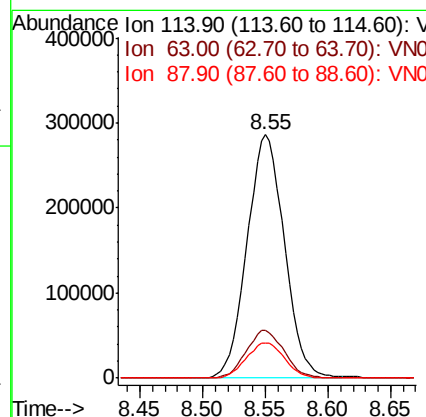
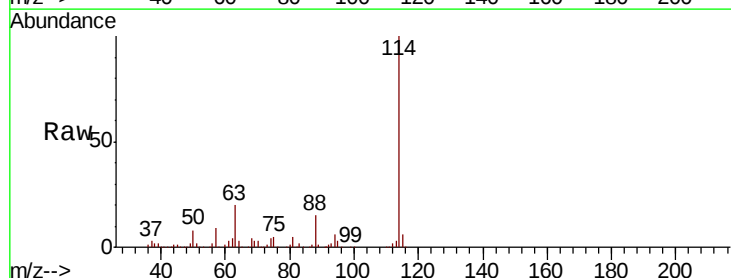
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

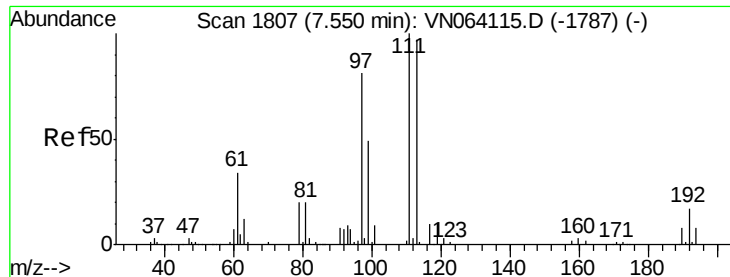
Tot Ion: 65 Resp: 242179
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 114 Resp: 593887
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.0
 88 14.6 0.0 29.2

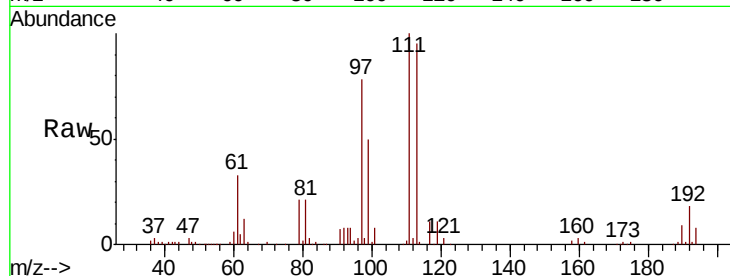




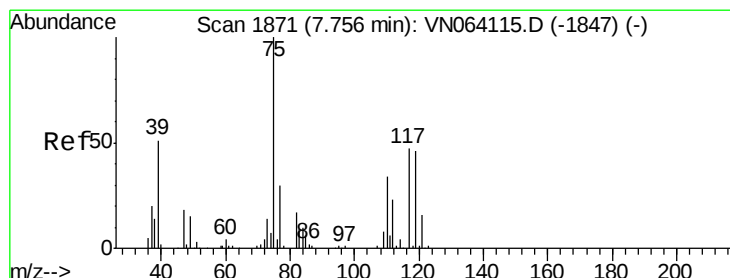
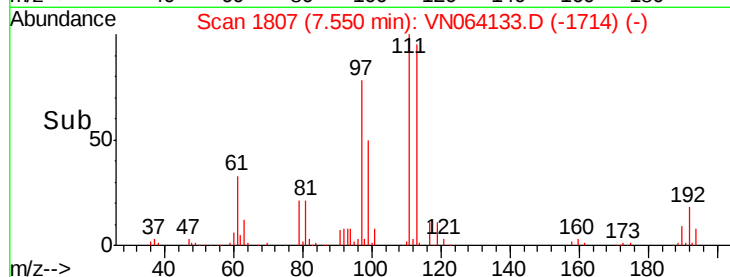
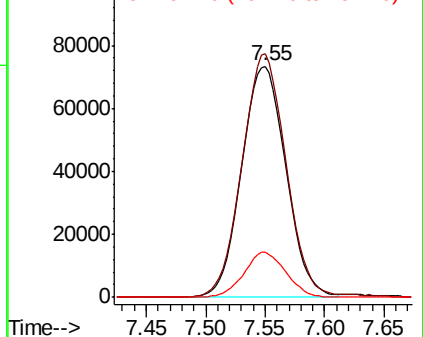
#35
Dibromofluoromethane
Concen: 46.095 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 189478
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 18.6 14.3 21.5

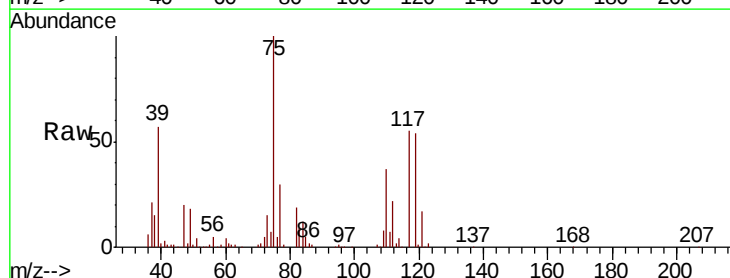


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

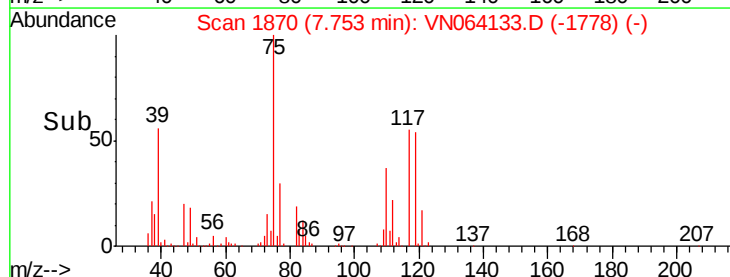
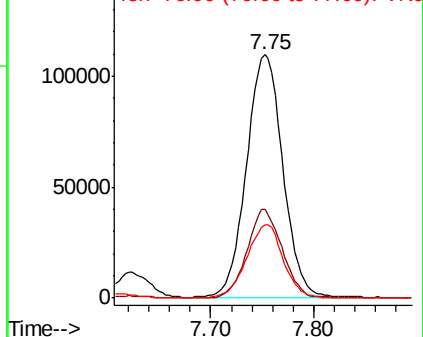


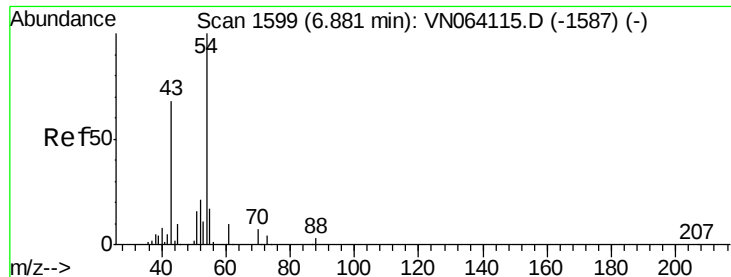
#36
1,1-Dichloropropene
Concen: 46.741 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 75 Resp: 267558
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.3
77 30.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

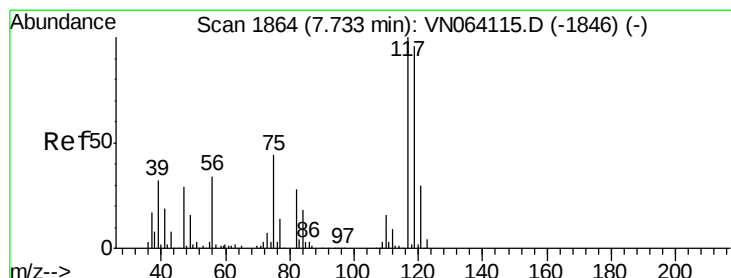
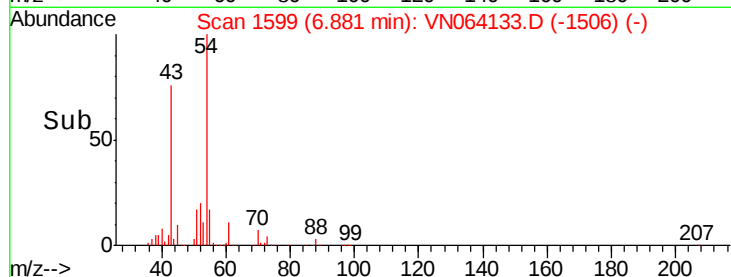
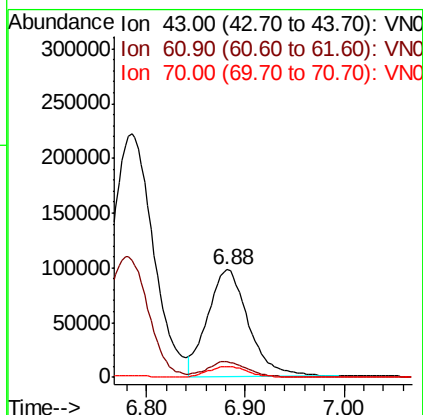
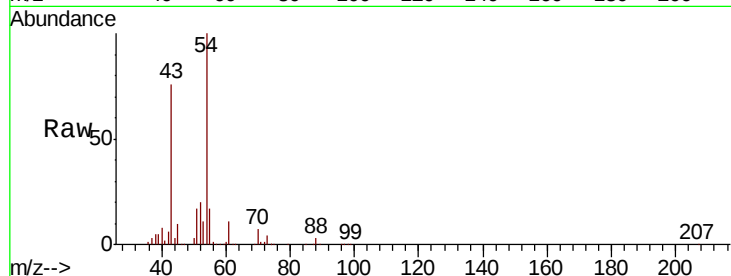




#37
Ethyl Acetate
Concen: 55.261 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

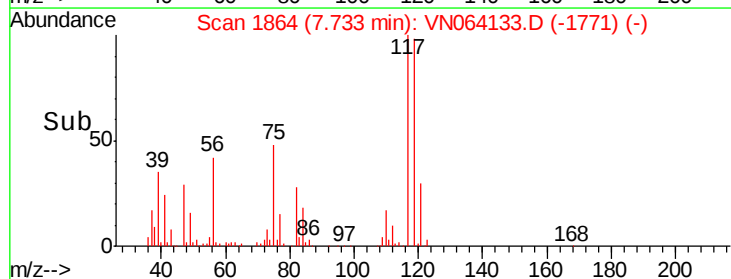
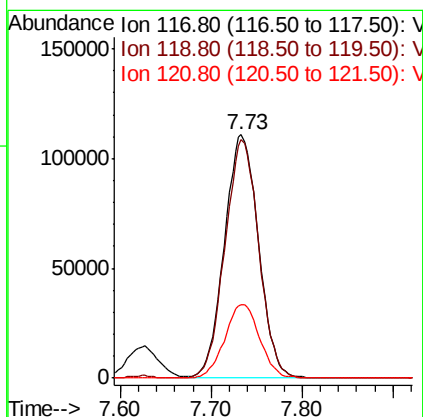
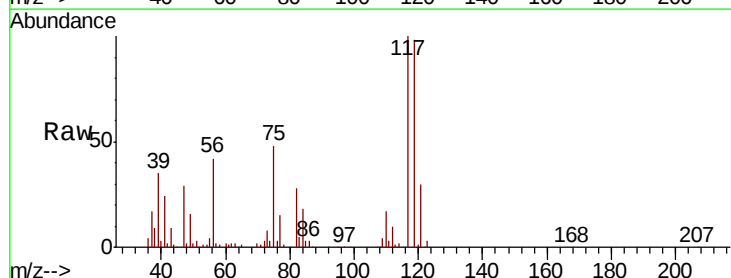
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

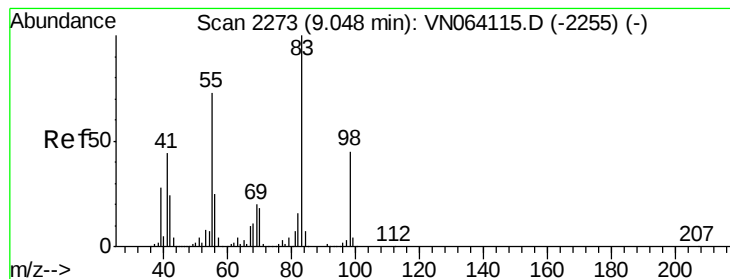
Tot Ion: 43 Resp: 280731
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 47.021 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 117 Resp: 289430
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.4
121 30.3 24.2 36.4

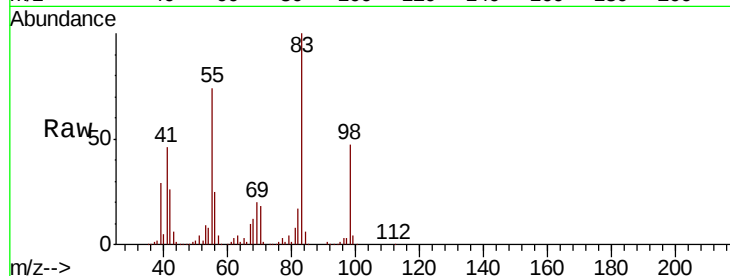




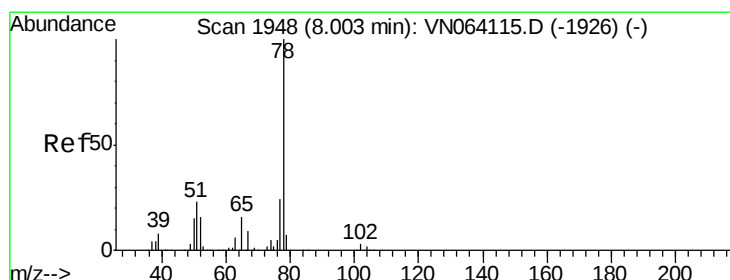
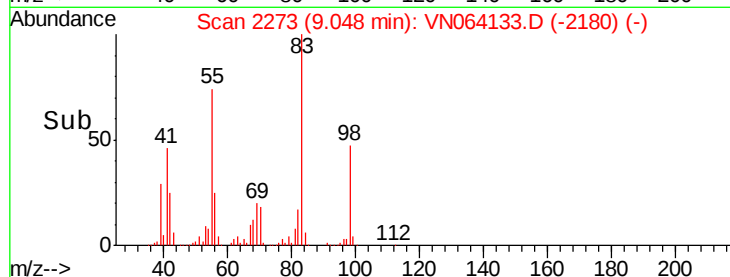
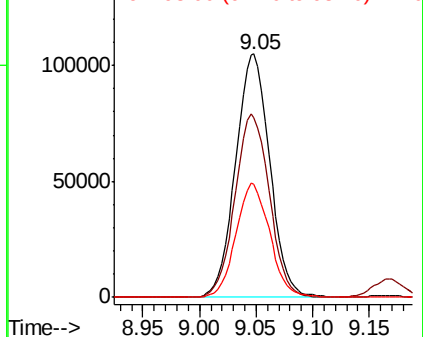
#39
Methvlcvclohexane
Concen: 46.069 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 221703
Ion Ratio Lower Upper
83 100
55 73.8 58.5 87.7
98 46.5 36.2 54.2

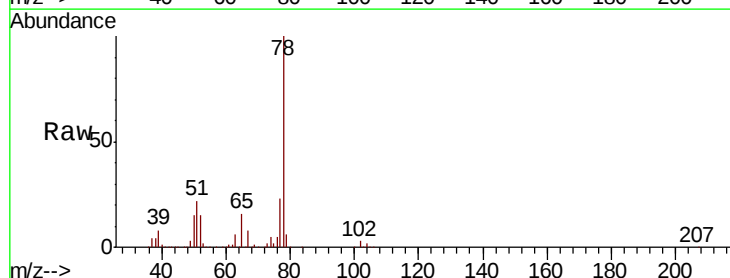


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

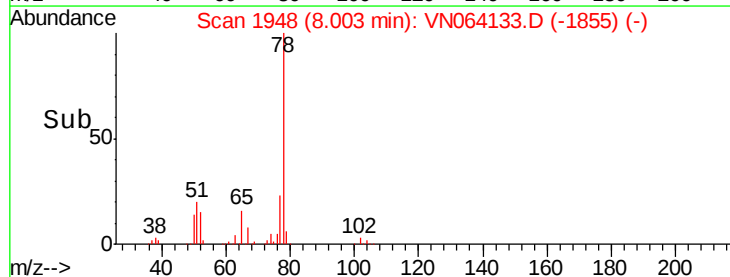
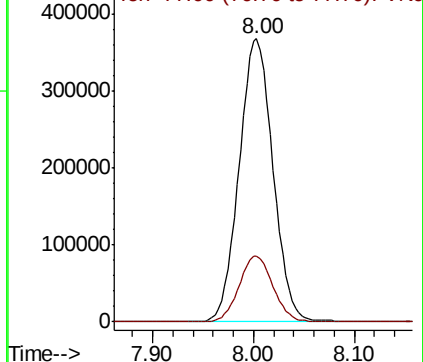


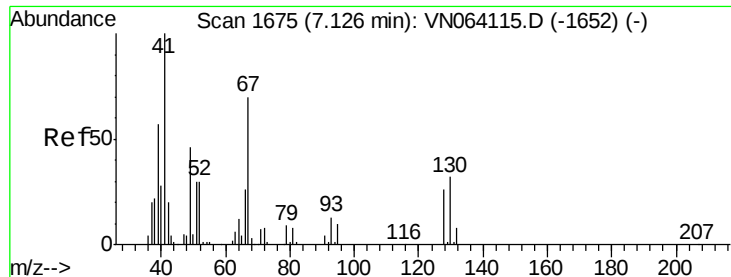
#40
Benzene
Concen: 49.203 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 78 Resp: 852929
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

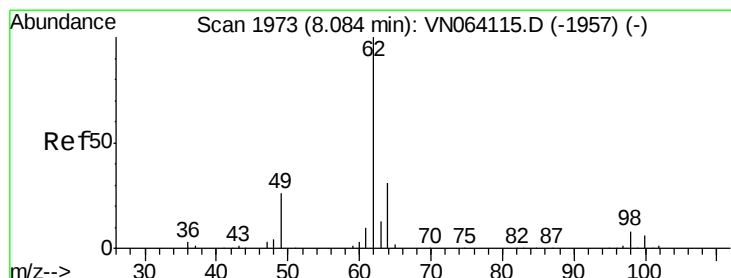
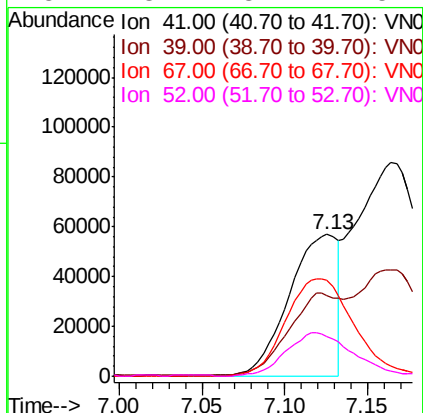
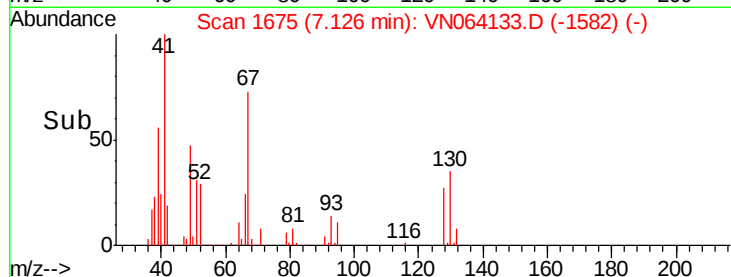
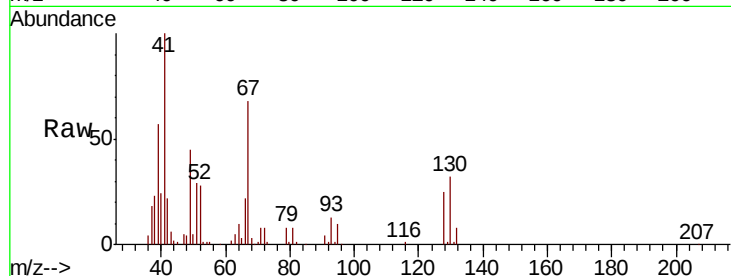




#41
Methacrylonitrile
Concen: 52.637 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

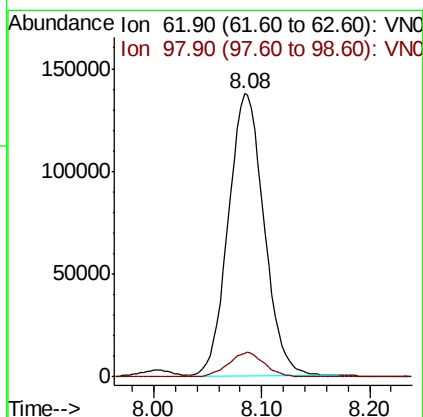
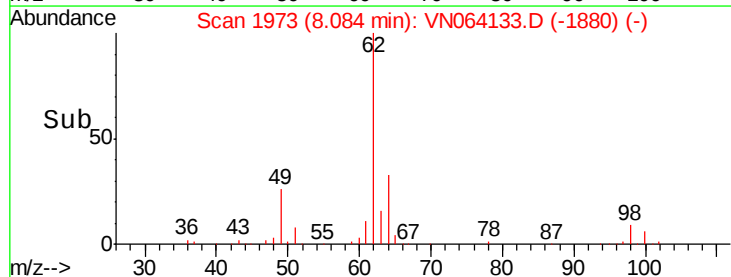
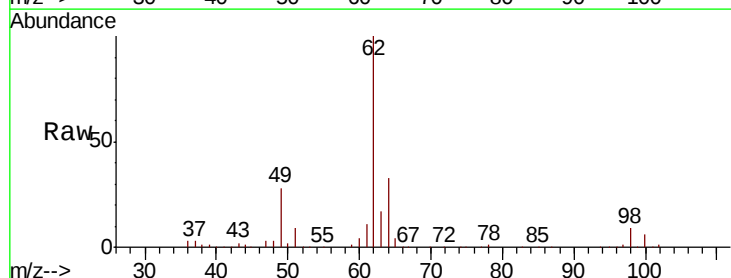
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

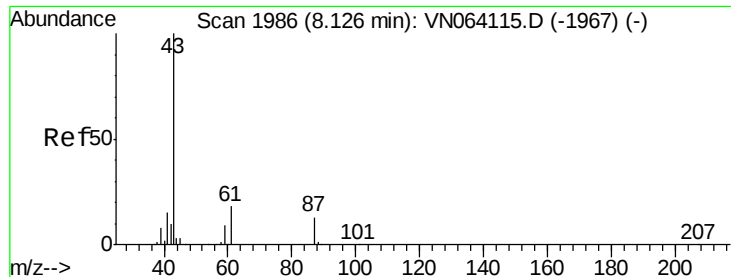
Tot Ion: 41 Resp: 115771
Ion Ratio Lower Upper
41 100
39 62.5 50.7 76.1
67 97.6 73.8 110.6
52 43.4 32.2 48.4



#42
1,2-Dichloroethane
Concen: 51.440 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 62 Resp: 317278
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 53.712 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

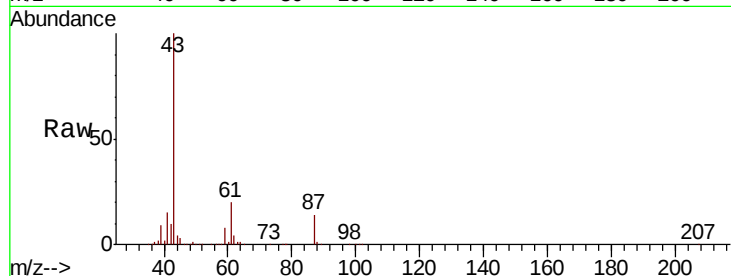
Tot Ion: 43 Resp: 452802

Ion Ratio Lower Upper

43 100

61 26.9 21.9 32.9

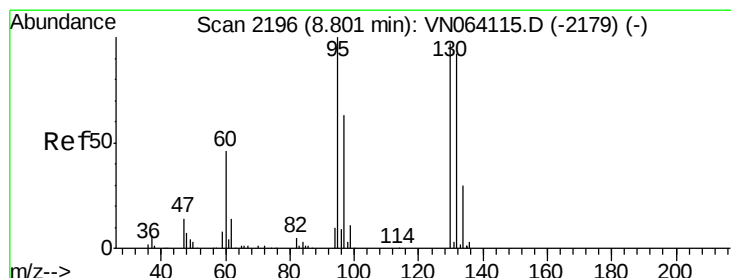
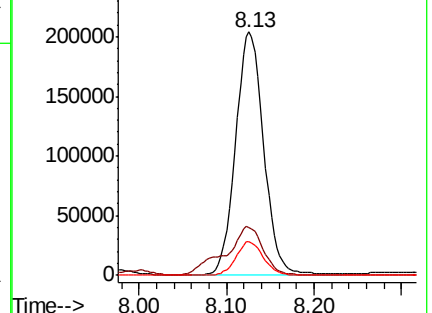
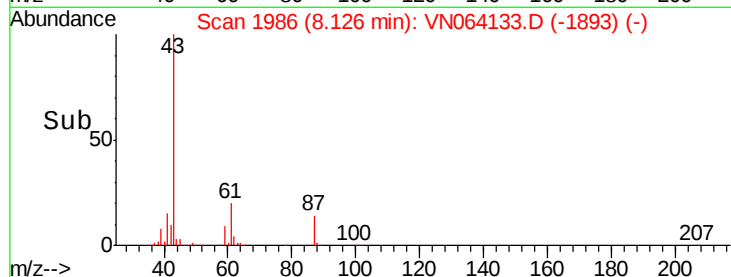
87 13.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064115.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064115.D (-1967) (-)



#44

Trichloroethene

Concen: 47.804 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064133.D

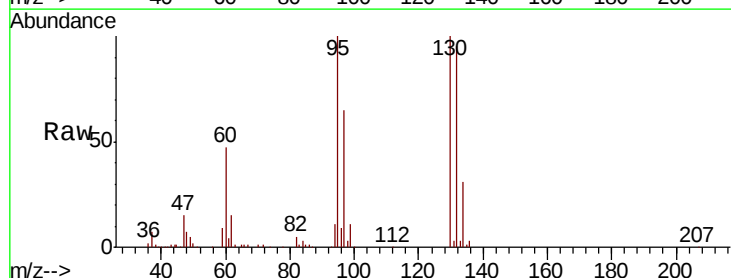
Acq: 14 Oct 2020 23:43

Tgt Ion:130 Resp: 217903

Ion Ratio Lower Upper

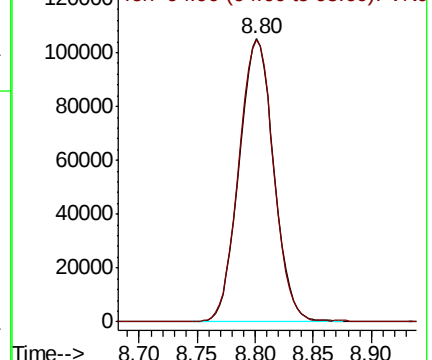
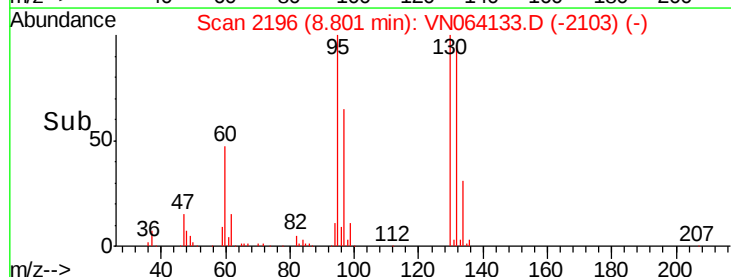
130 100

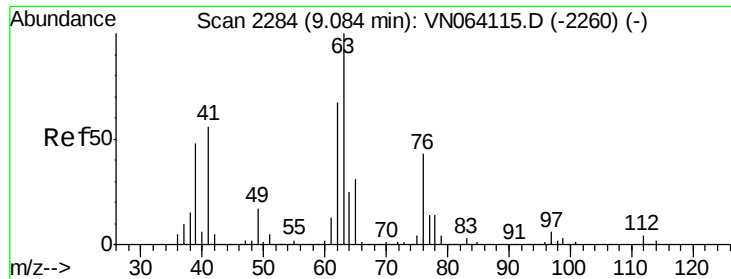
95 99.5 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): VN064115.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064115.D (-2179) (-)

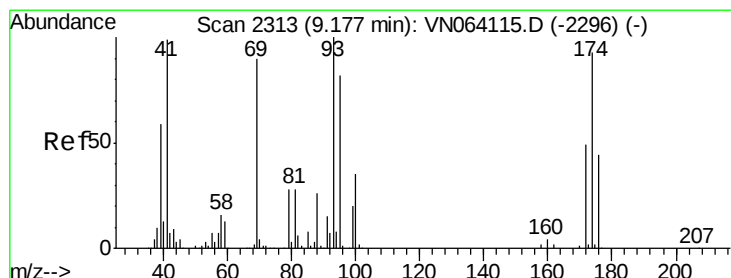
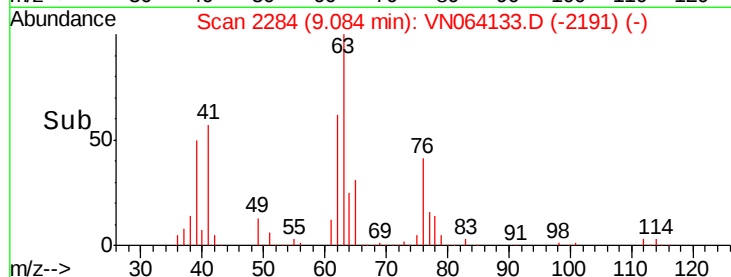
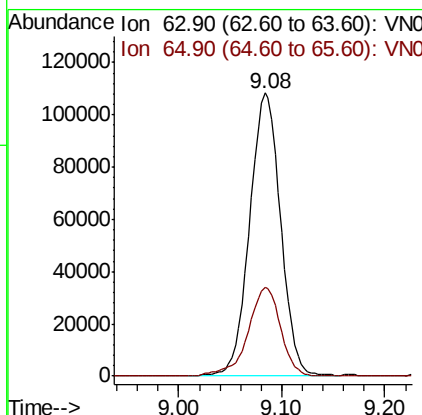
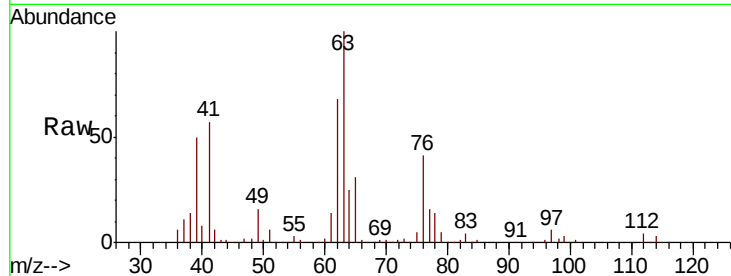




#45
 1,2-Dichloropropane
 Concen: 49.726 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

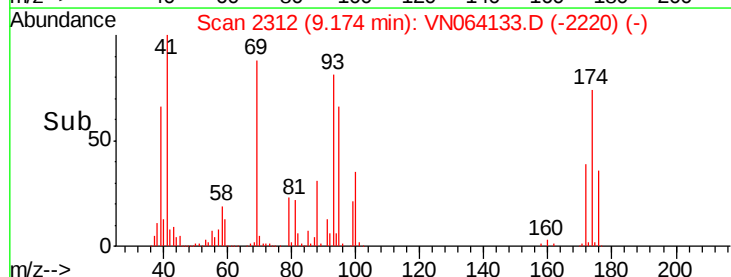
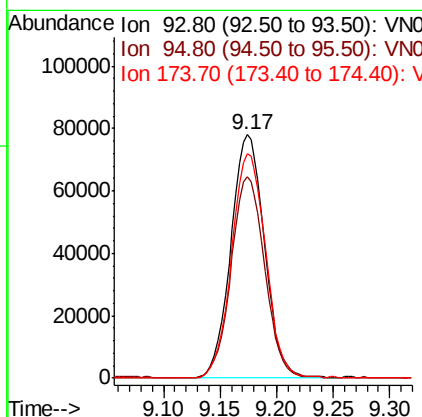
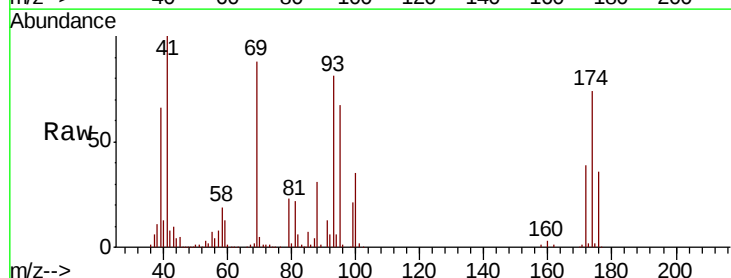
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

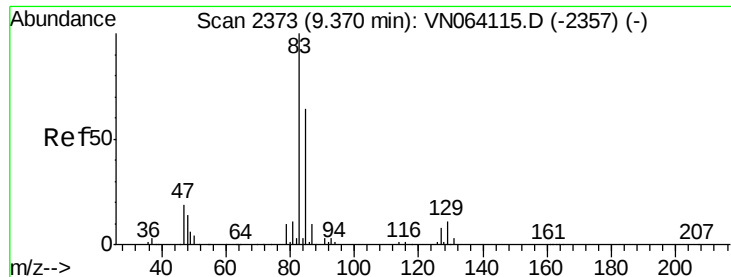
Tot Ion: 63 Resp: 225842
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 50.205 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 93 Resp: 161771
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 93.1 75.2 112.8





#47

Bromodichloromethane

Concen: 51.312 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

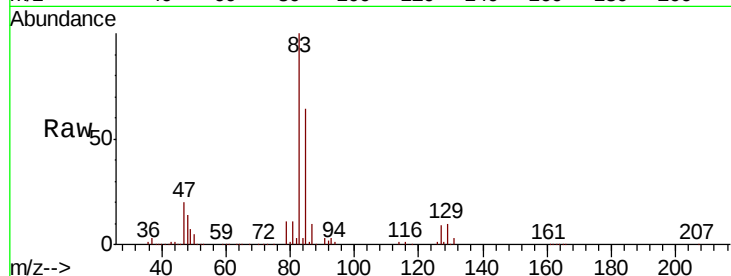
Tot Ion: 83 Resp: 323484

Ion Ratio Lower Upper

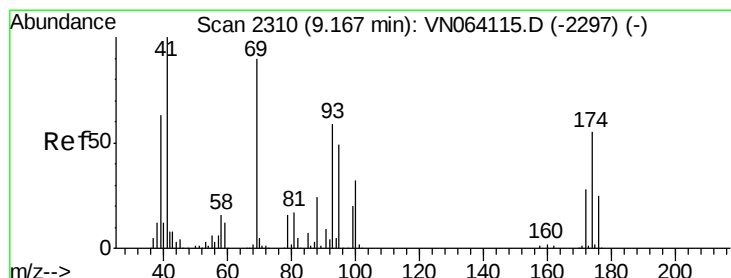
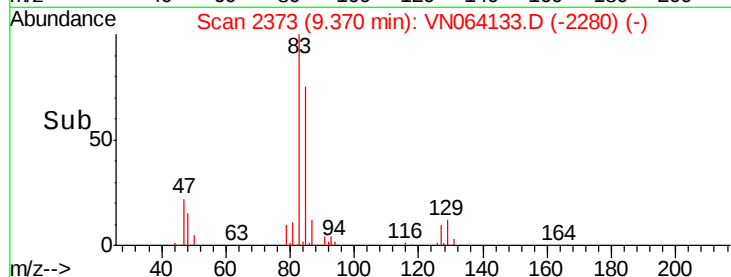
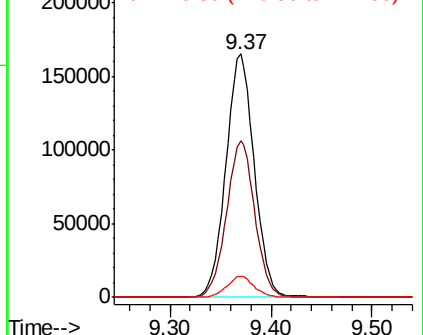
83 100

85 64.3 50.8 76.2

127 8.8 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 56.198 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

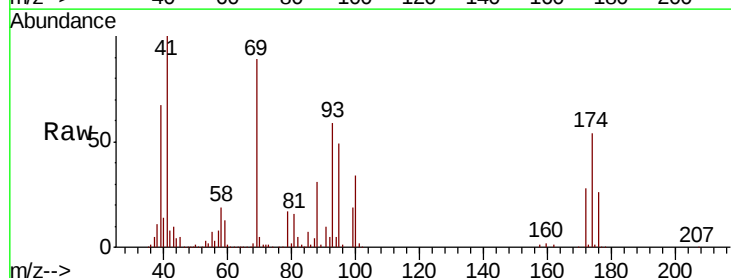
Tgt Ion: 41 Resp: 218835

Ion Ratio Lower Upper

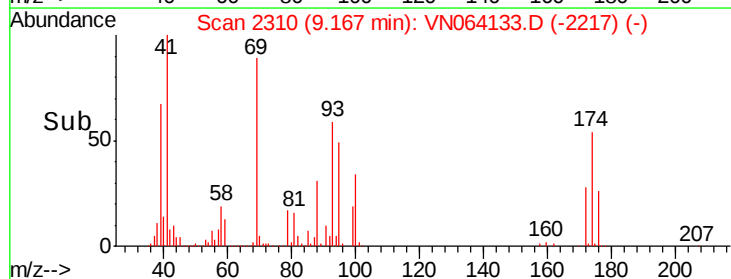
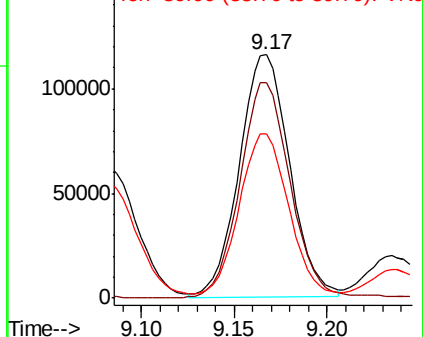
41 100

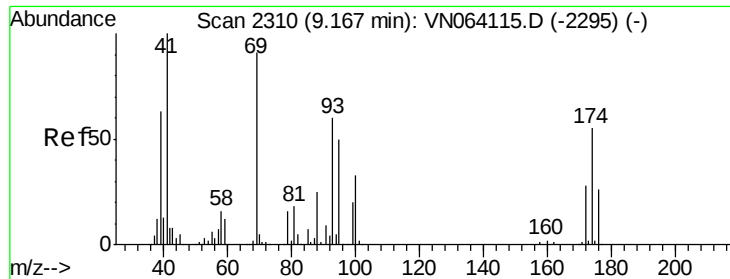
69 89.3 71.4 107.2

39 66.7 52.5 78.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

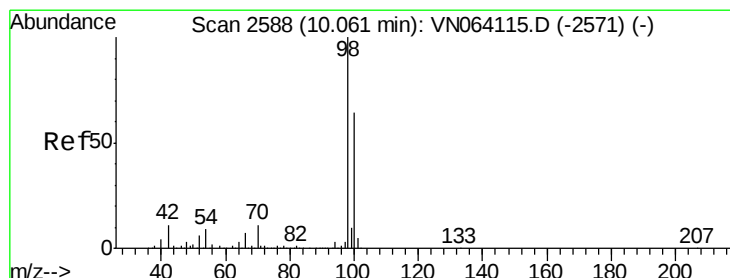
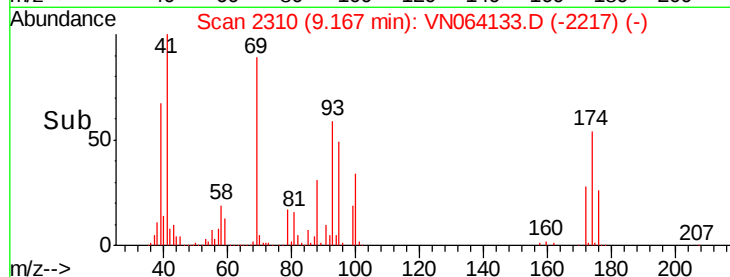
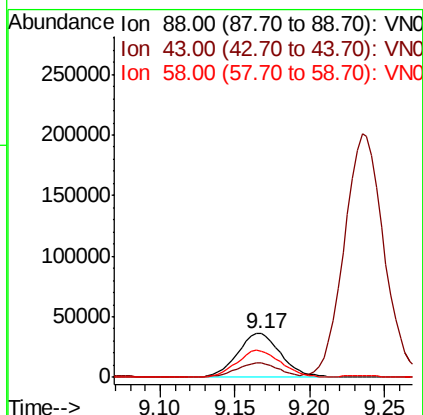
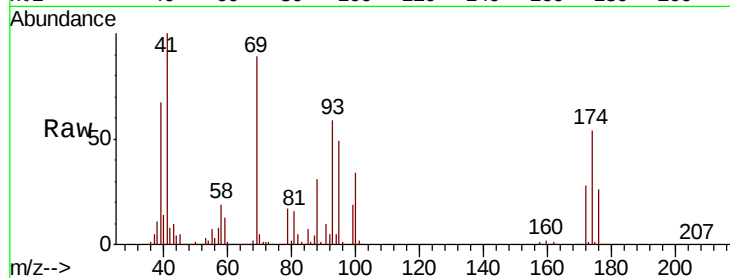




#49
1,4-Dioxane
Concen: 1237.513 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

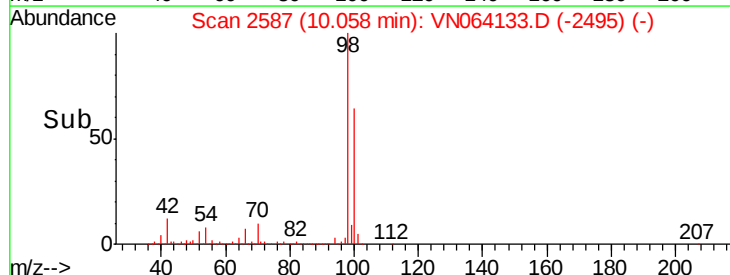
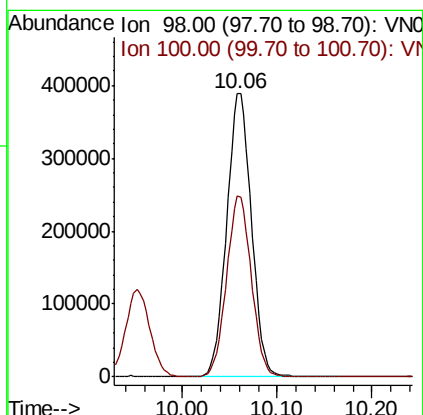
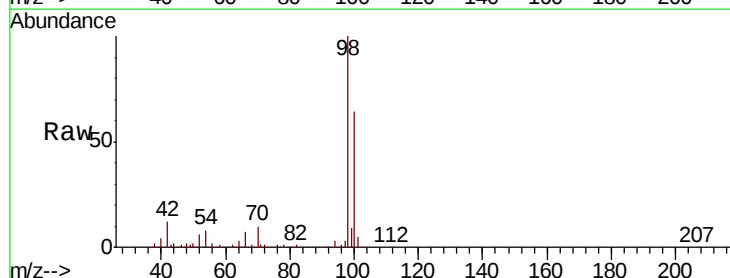
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

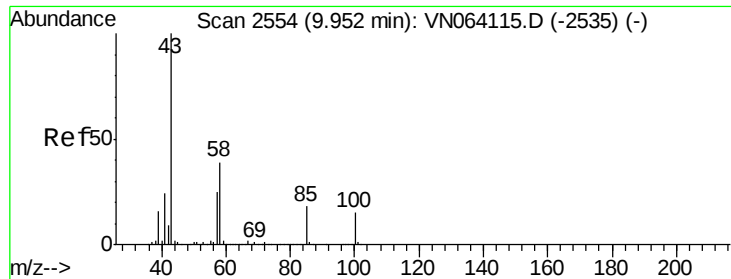
Tot Ion: 88 Resp: 73174
Ion Ratio Lower Upper
88 100
43 30.1 27.2 40.8
58 63.3 52.6 78.8



#50
Toluene-d8
Concen: 45.654 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 98 Resp: 708088
Ion Ratio Lower Upper
98 100
100 63.9 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 287.865 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

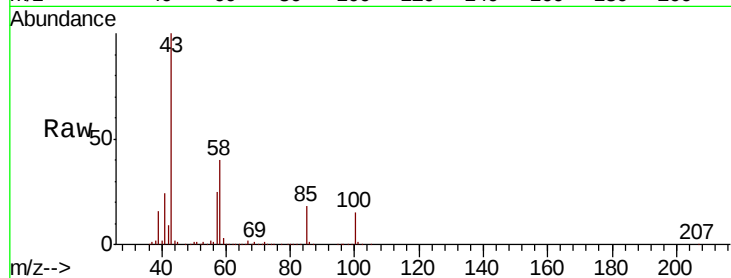
VSTDCCC050EC

Tot Ion: 43 Resp: 1435977

Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064115.D (-2535) (-)

9.95

800000

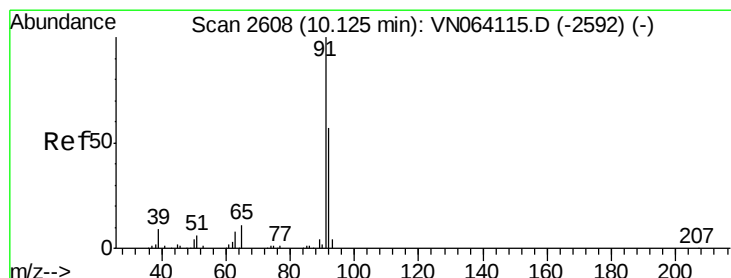
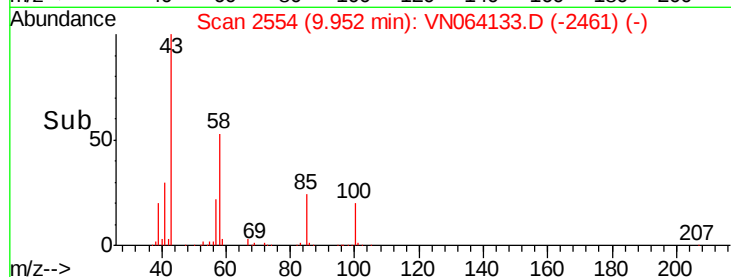
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.864 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064133.D

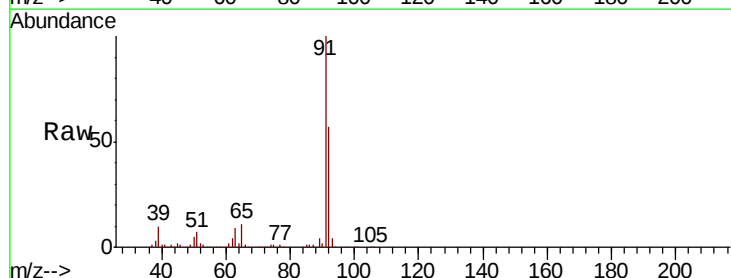
Acq: 14 Oct 2020 23:43

Tgt Ion: 92 Resp: 531115

Ion Ratio Lower Upper

92 100

91 176.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064115.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064115.D (-2592) (-)

10.13

600000

500000

400000

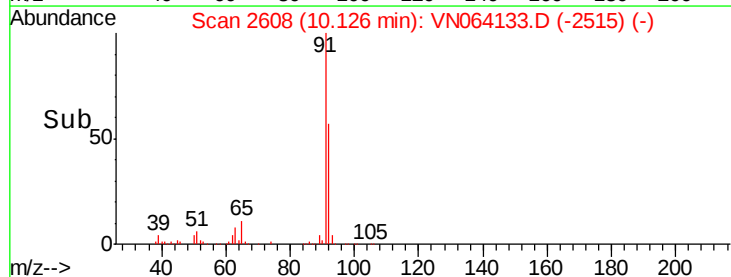
300000

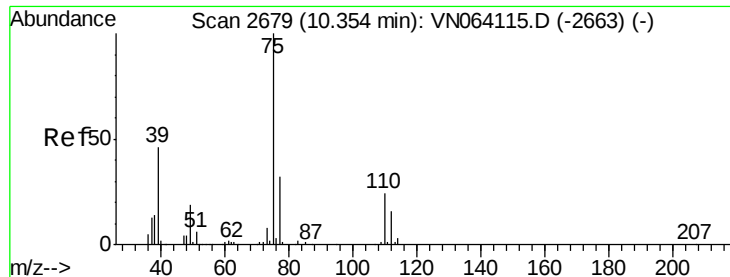
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.994 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

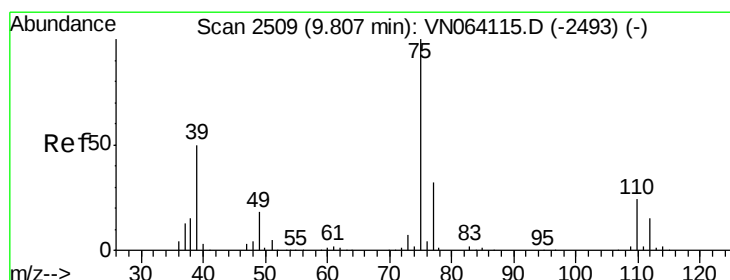
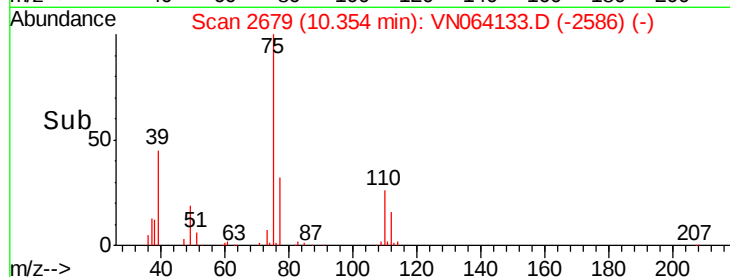
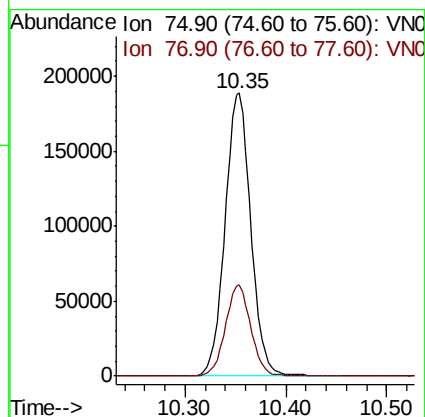
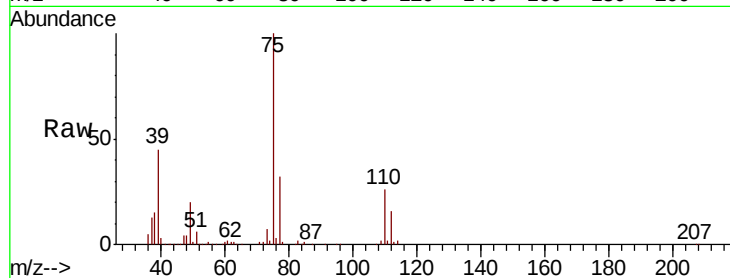
VSTDCCC050EC

Tot Ion: 75 Resp: 336315

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 49.989 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

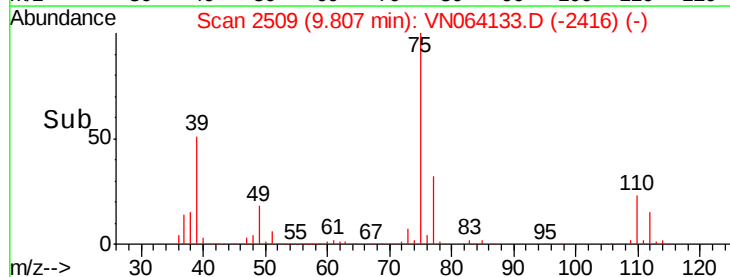
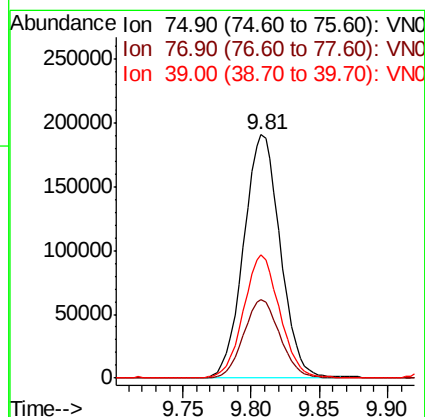
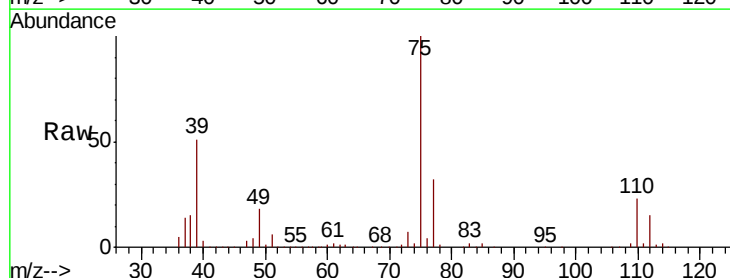
Tgt Ion: 75 Resp: 355288

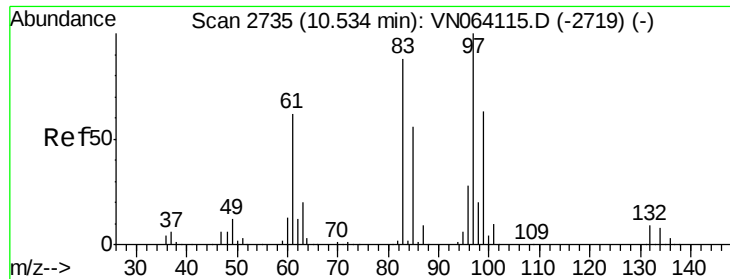
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 50.4 39.8 59.8

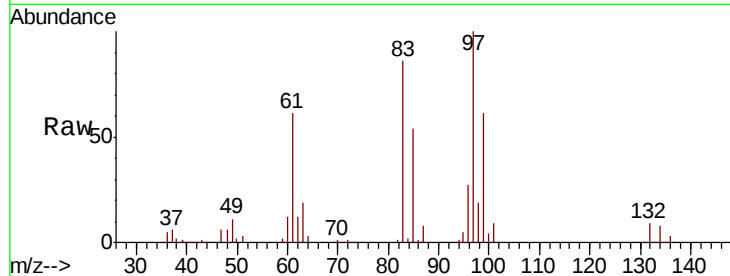




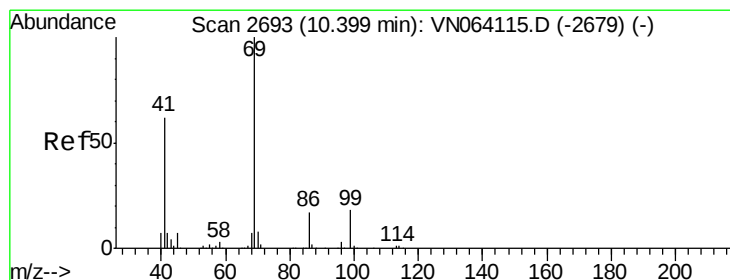
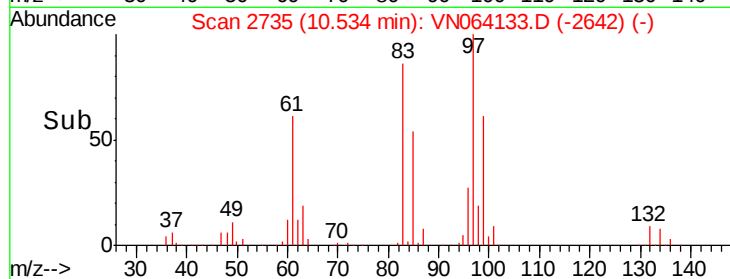
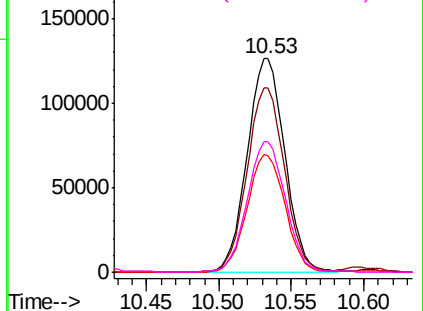
#55
 1,1,2-Trichloroethane
 Concen: 51.798 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	228561
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.4
85	54.3	45.0	67.6
99	61.0	50.7	76.1

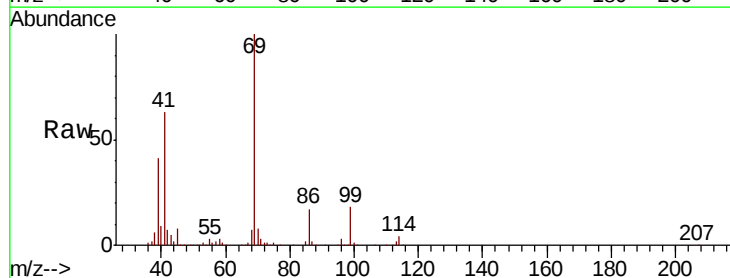


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

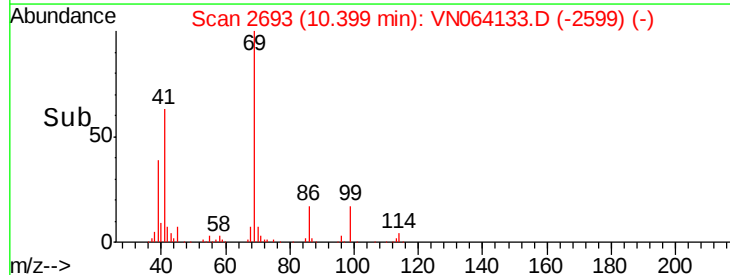
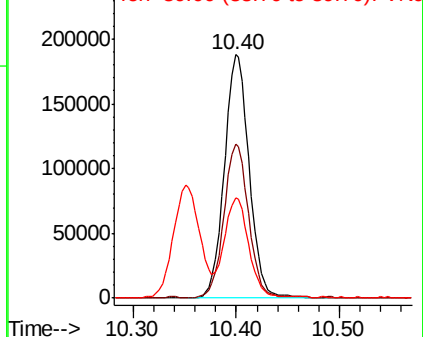


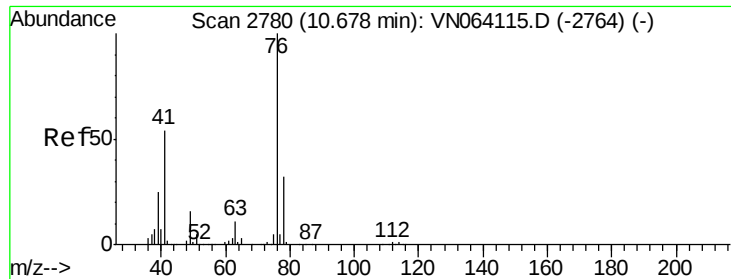
#56
 Ethyl methacrylate
 Concen: 49.210 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion:	69	Resp:	314382
Ion	Ratio	Lower	Upper
69	100		
41	62.5	49.3	73.9
39	40.9	32.7	49.1



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.328 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

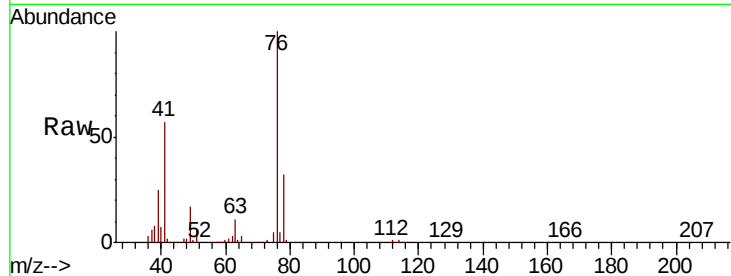
VSTDCCC050EC

Tot Ion: 76 Resp: 372991

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064115.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN064115.D (-2764) (-)

10.68

200000

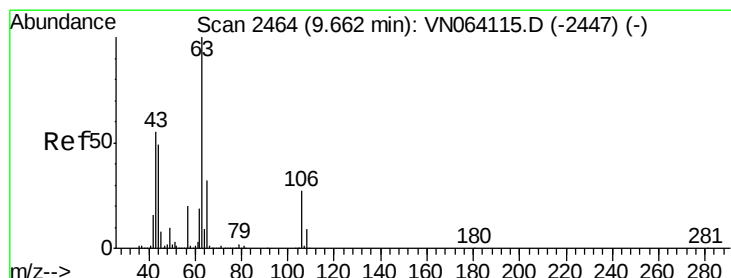
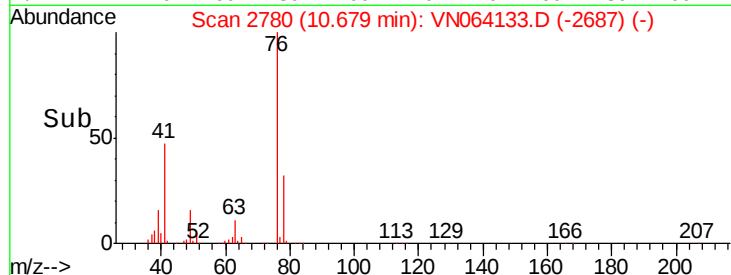
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 256.237 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064133.D

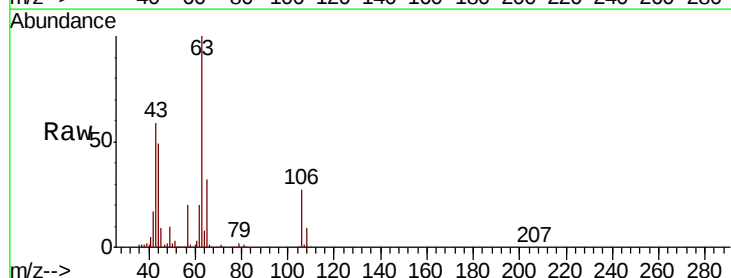
Acq: 14 Oct 2020 23:43

Tgt Ion: 63 Resp: 834213

Ion Ratio Lower Upper

63 100

106 27.1 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN064115.D (-2447) (-)

Ion 105.90 (105.60 to 106.60): VN064115.D (-2447) (-)

9.66

500000

400000

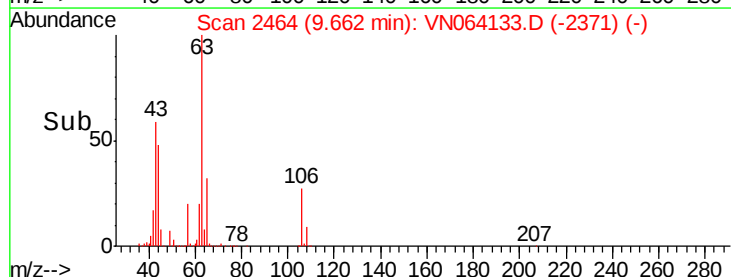
300000

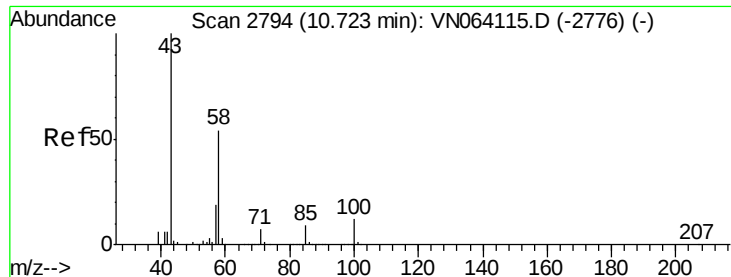
200000

100000

0

Time-->

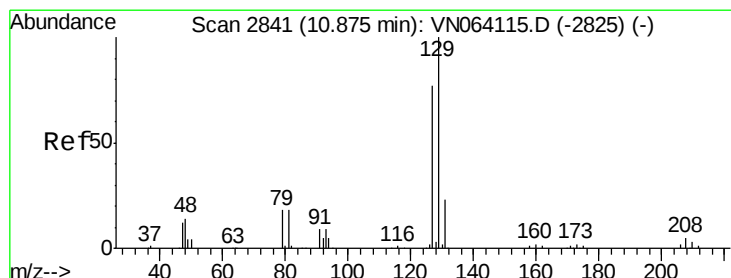
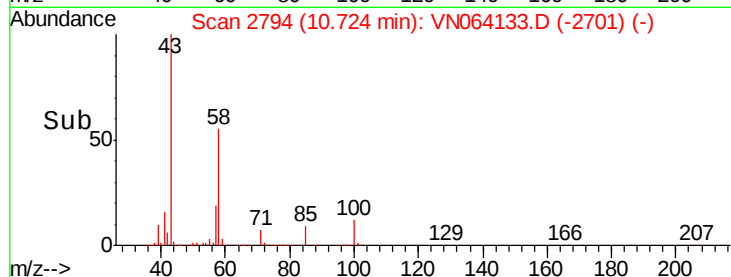
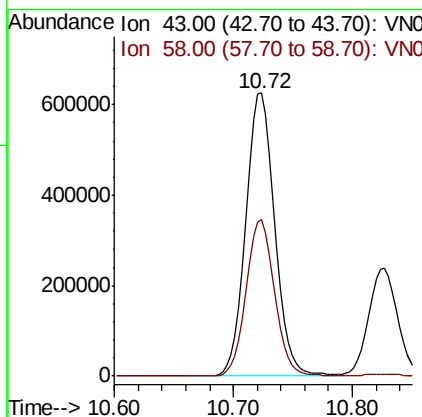
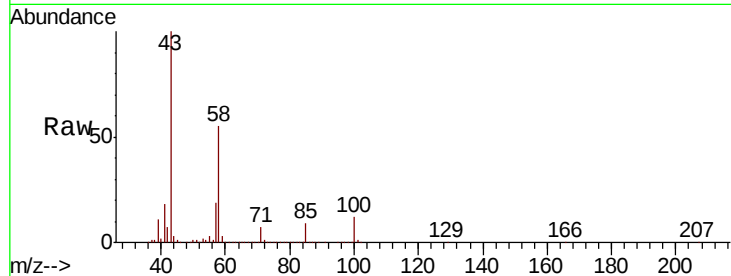




#59
2-Hexanone
Concen: 272.777 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

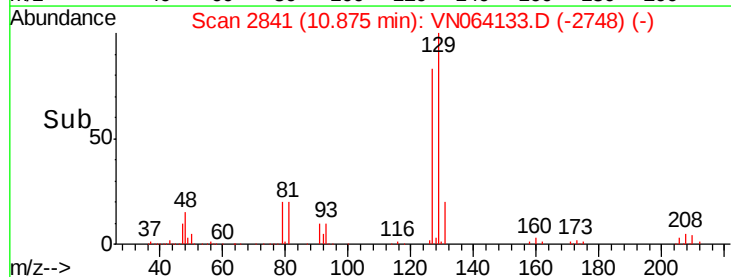
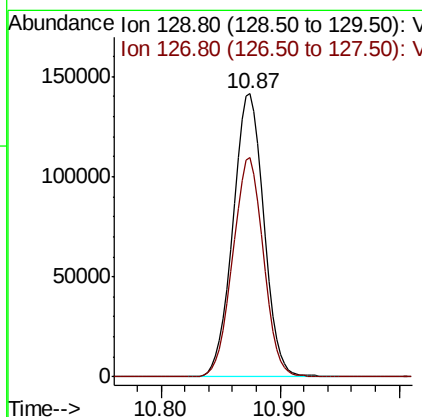
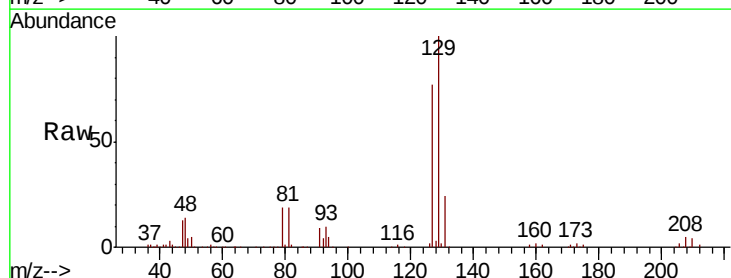
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

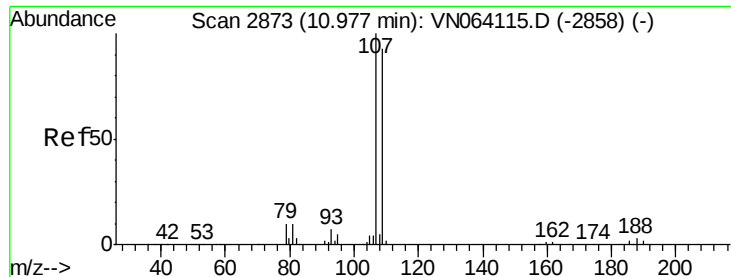
Tot Ion: 43 Resp: 1054242
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.6



#60
Dibromochloromethane
Concen: 51.422 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 129 Resp: 254883
Ion Ratio Lower Upper
129 100
127 76.9 38.2 114.6

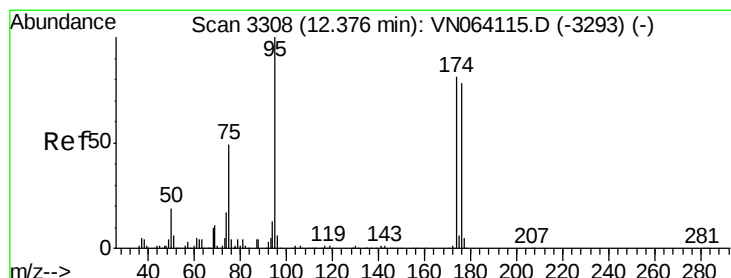
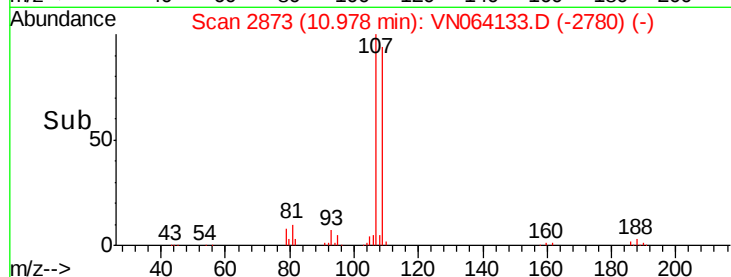
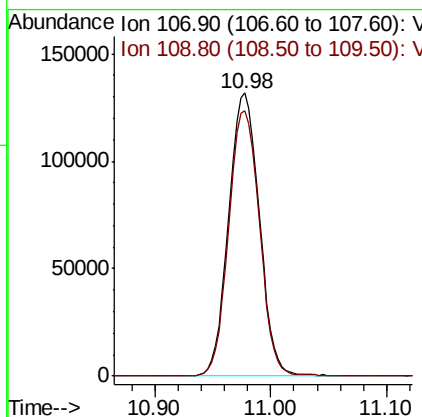
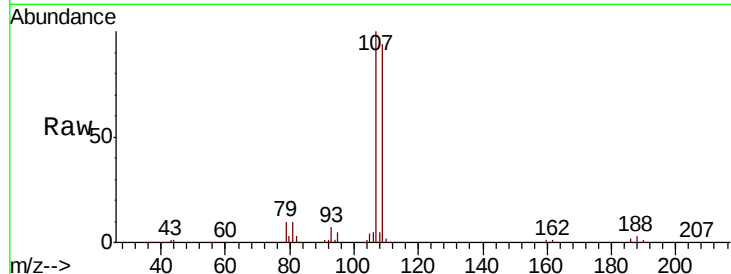




#61
 1,2-Dibromoethane
 Concen: 53.617 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

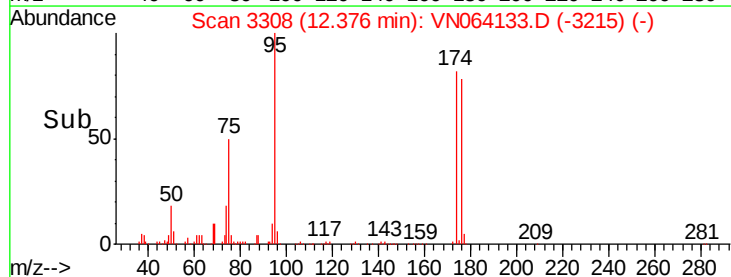
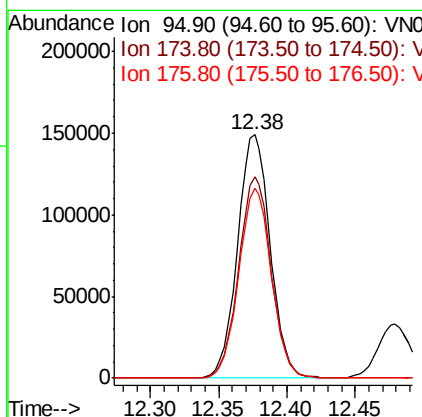
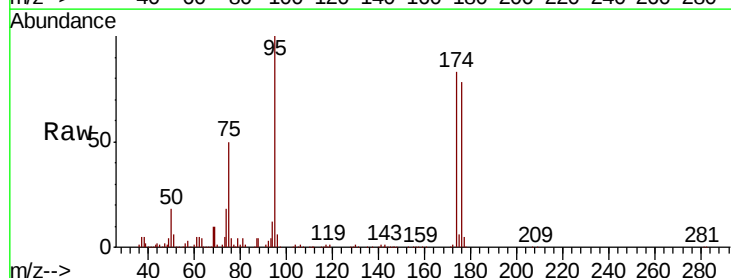
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

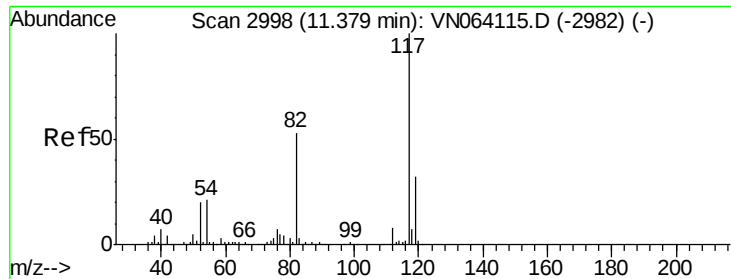
Tot Ion: 107 Resp: 240809
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 46.479 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 95 Resp: 247787
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 164.8
 176 78.0 0.0 157.8

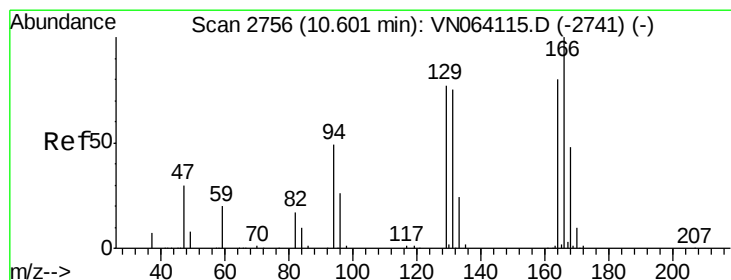
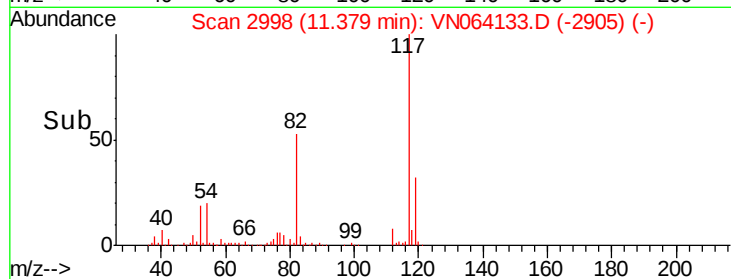
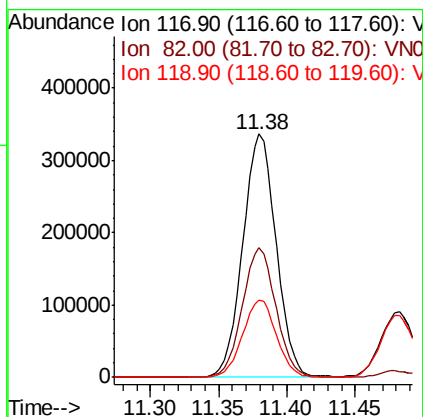
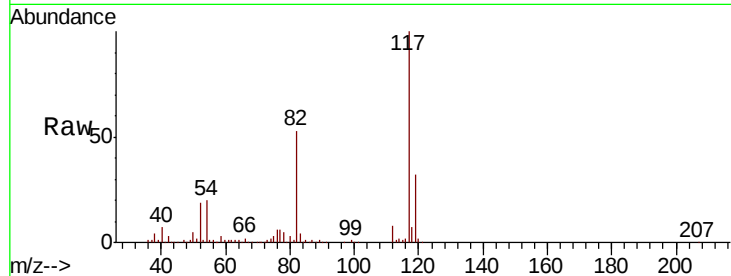




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

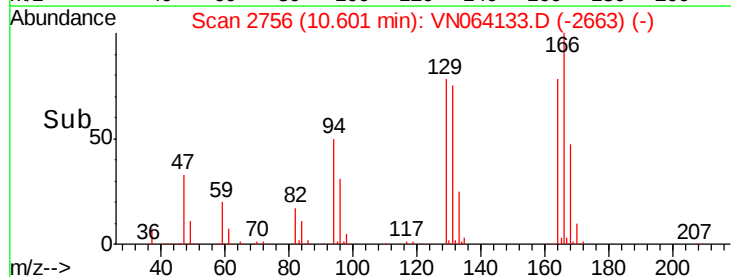
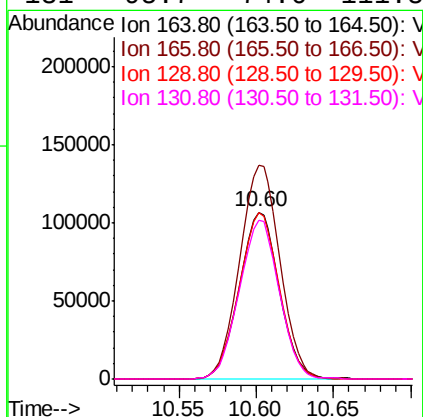
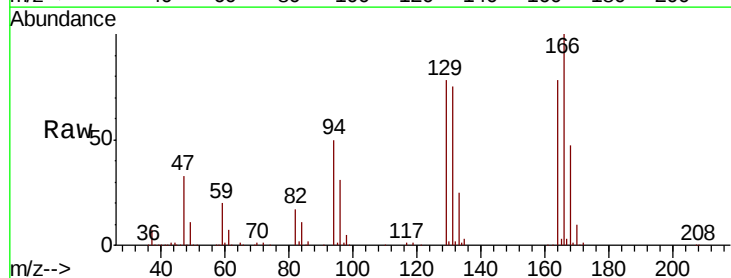
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

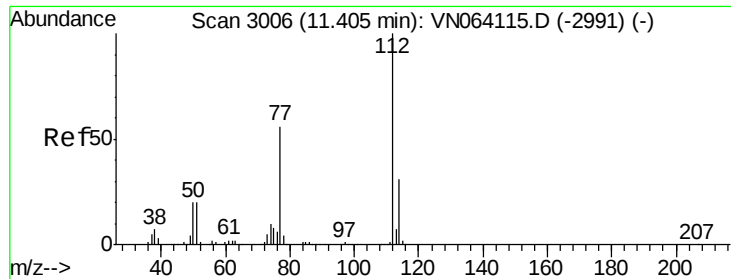
Tot Ion:117 Resp: 571907
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 44.446 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion:164 Resp: 191645
Ion Ratio Lower Upper
164 100
166 128.3 99.7 149.5
129 99.9 77.0 115.4
131 95.7 74.6 111.8





#65

Chlorobenzene

Concen: 48.111 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

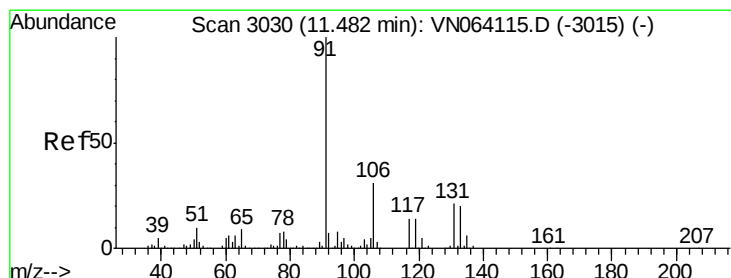
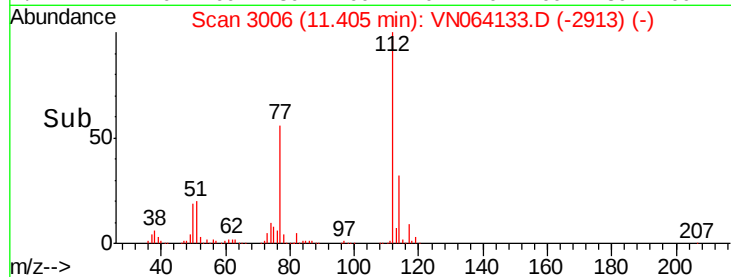
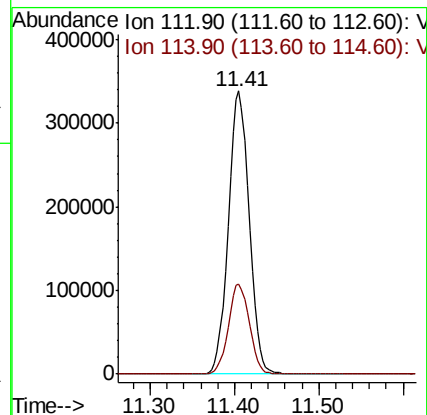
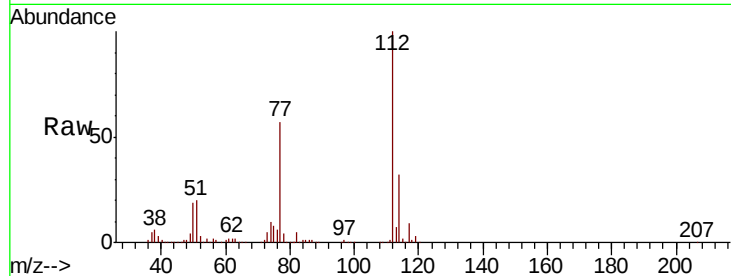
VSTDCCC050EC

Tot Ion:112 Resp: 579420

Ion Ratio Lower Upper

112 100

114 31.9 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 49.690 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

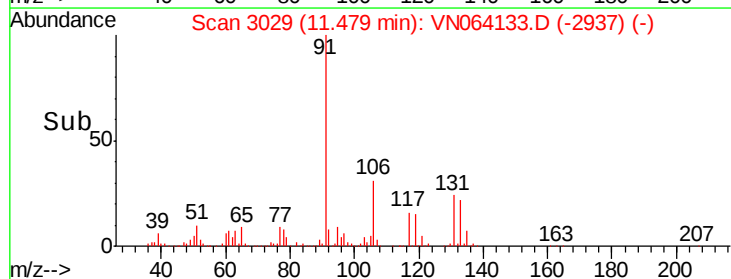
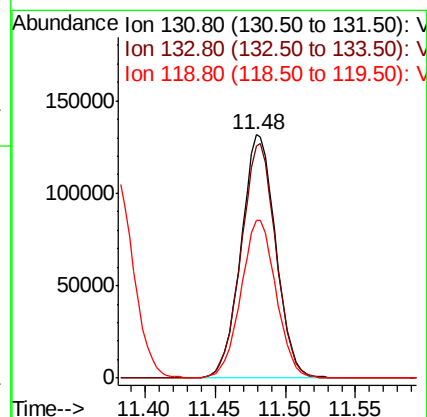
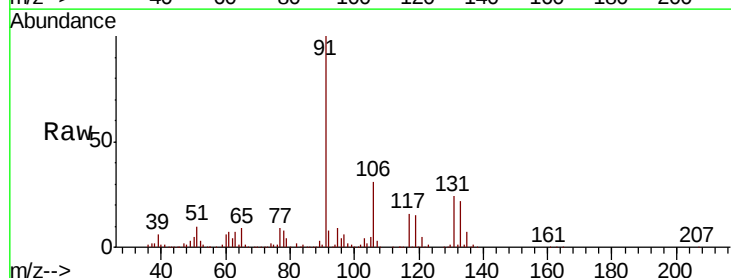
Tgt Ion:131 Resp: 227203

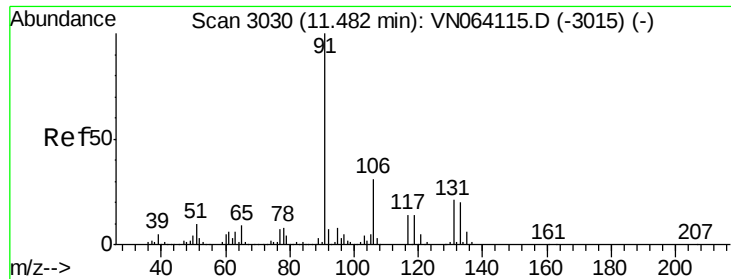
Ion Ratio Lower Upper

131 100

133 96.6 47.3 141.9

119 65.8 32.8 98.4

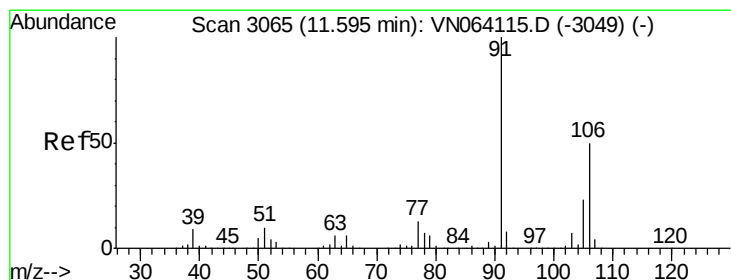
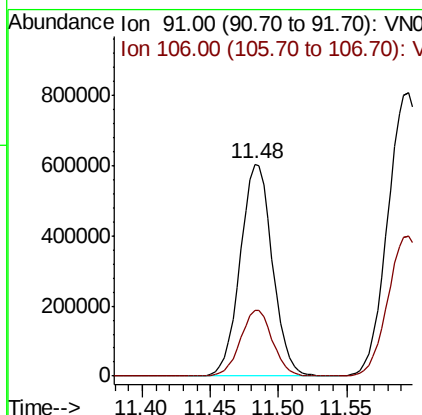
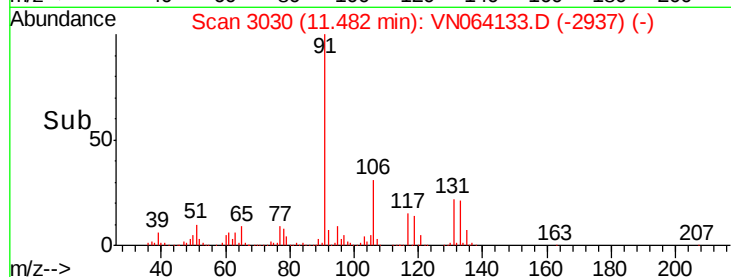
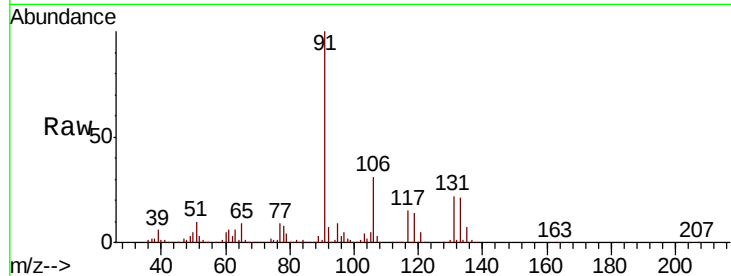




#67
Ethyl Benzene
Concen: 49.141 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

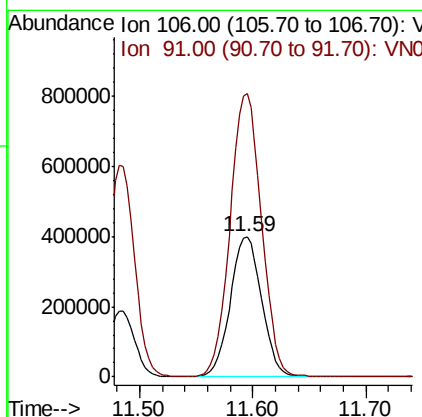
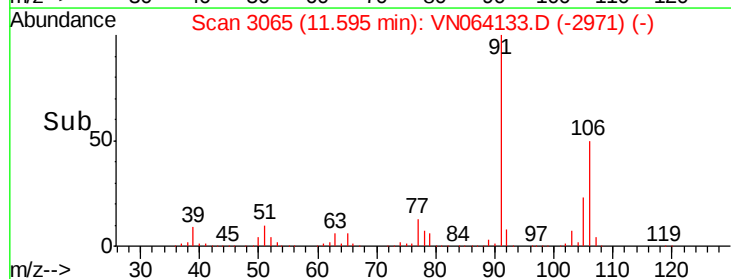
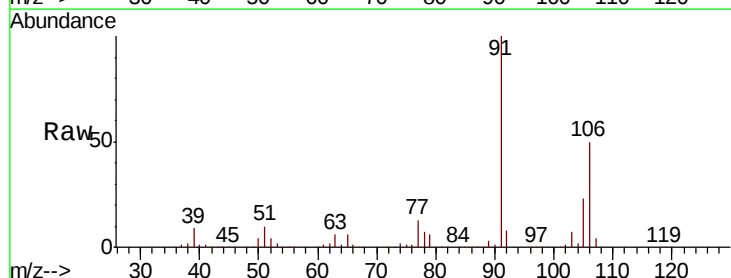
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

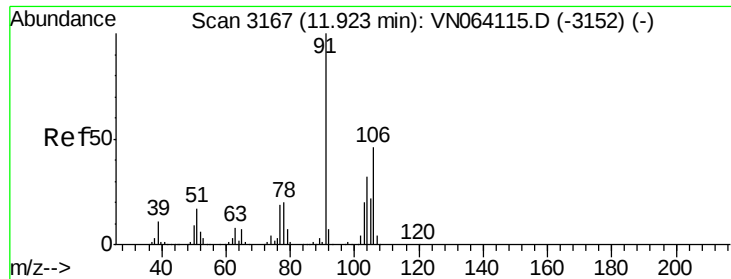
Tot Ion: 91 Resp: 991411
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1



#68
m/p-Xylenes
Concen: 92.405 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 106 Resp: 767107
Ion Ratio Lower Upper
106 100
91 202.8 162.1 243.1

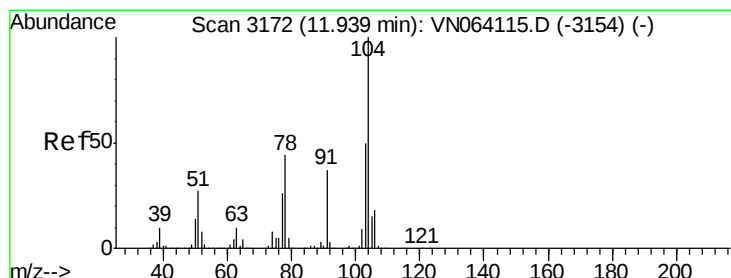
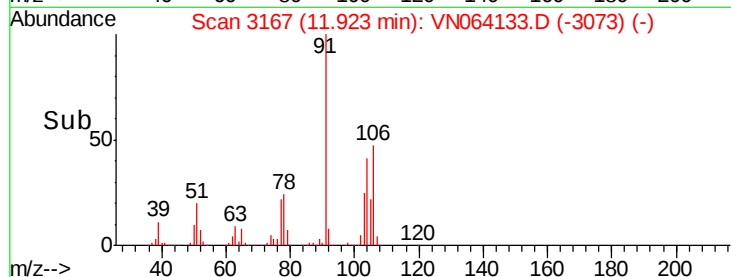
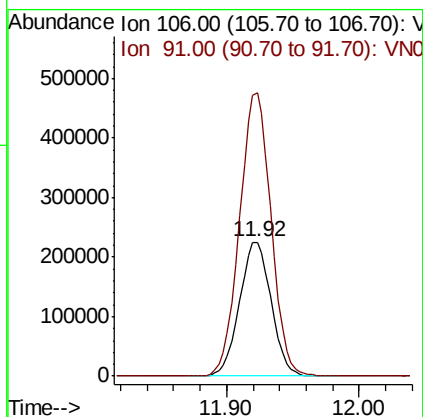
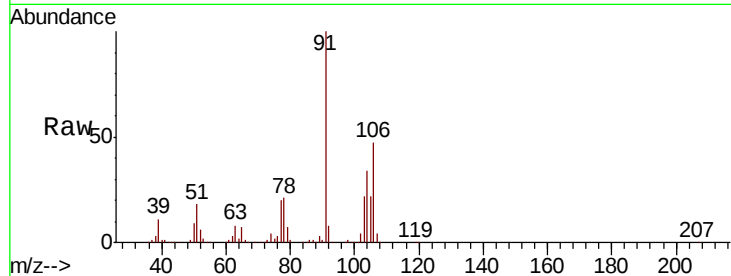




#69
o-Xylene
Concen: 46.880 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

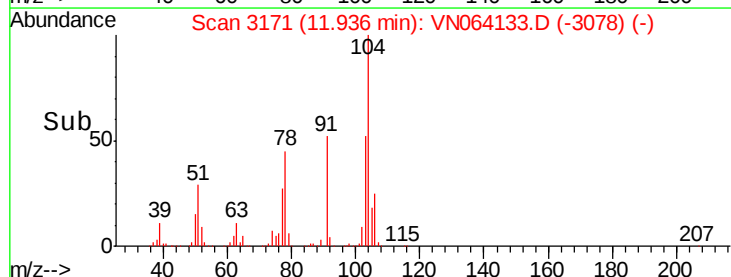
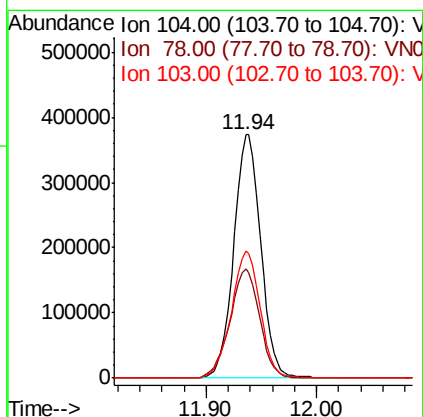
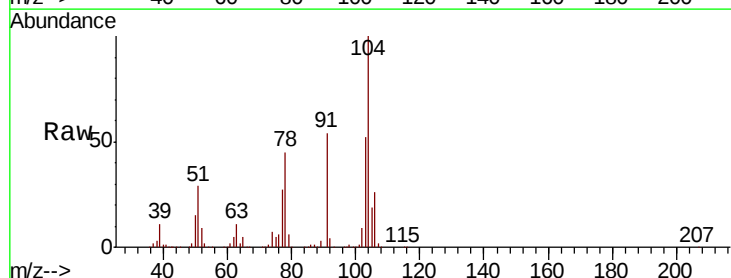
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

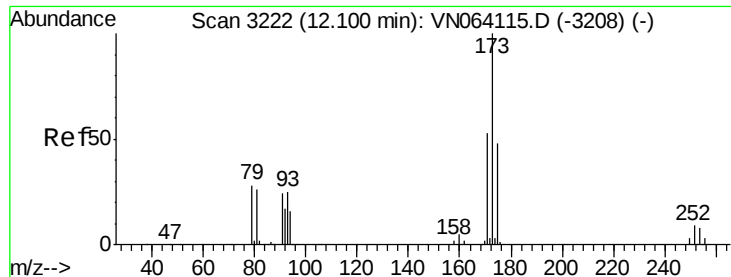
Tot Ion:106 Resp: 372273
Ion Ratio Lower Upper
106 100
91 210.8 107.6 322.8



#70
Styrene
Concen: 46.434 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion:104 Resp: 635142
Ion Ratio Lower Upper
104 100
78 49.3 39.7 59.5
103 55.7 44.2 66.2

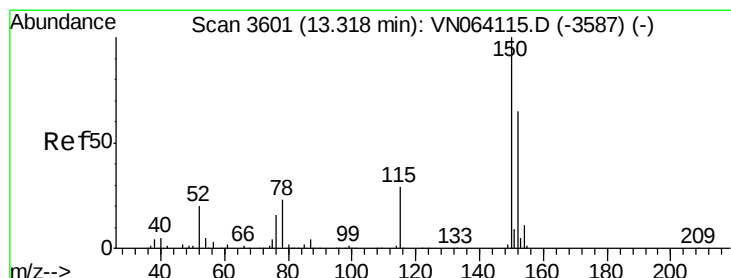
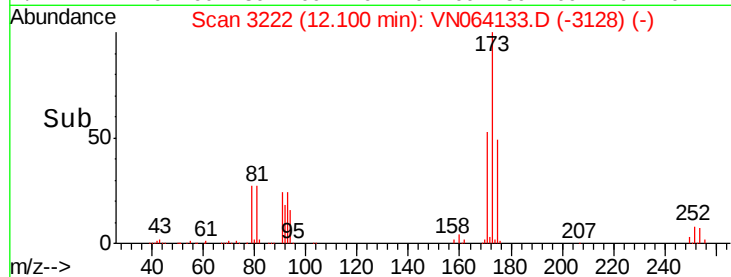
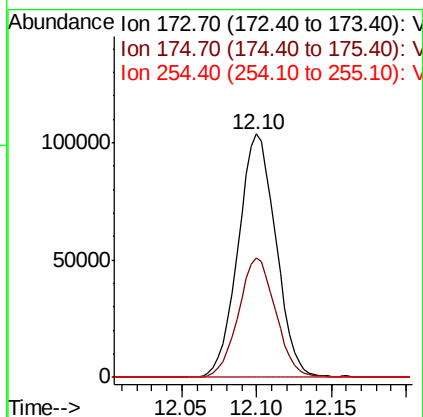
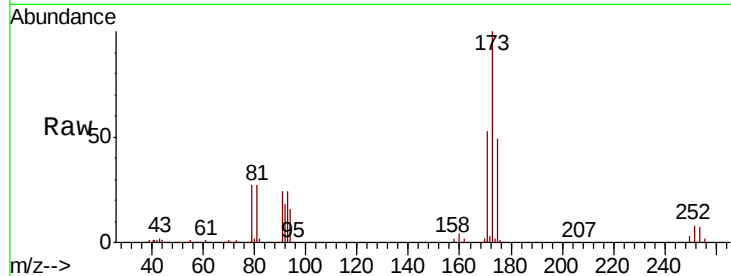




#71
Bromoform
Concen: 48.154 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

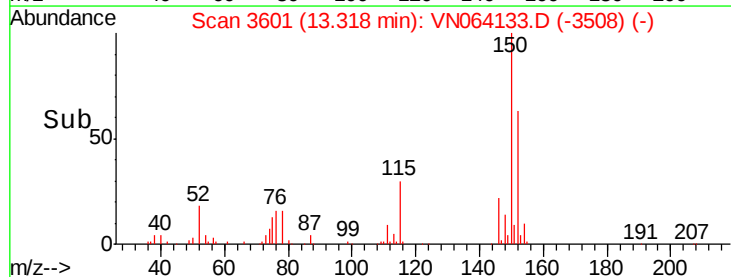
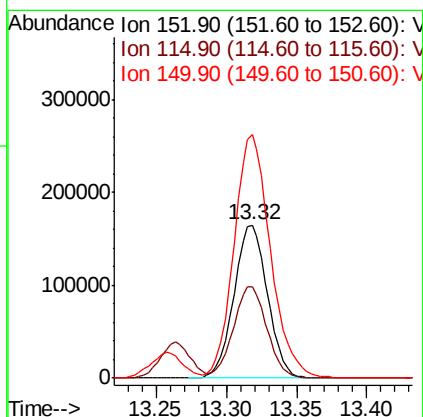
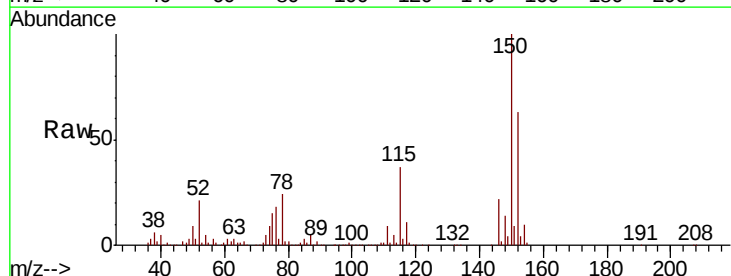
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

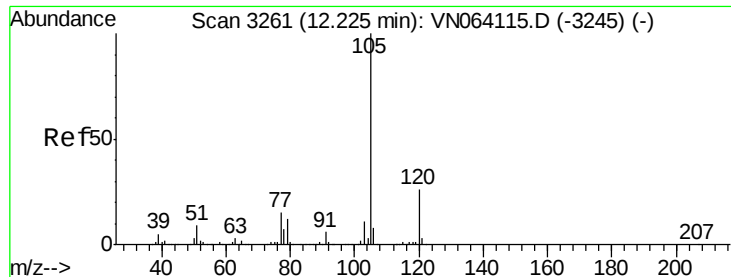
Tot Ion:173 Resp: 182081
Ion Ratio Lower Upper
173 100
175 48.5 23.4 70.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion:152 Resp: 274752
Ion Ratio Lower Upper
152 100
115 59.6 29.3 87.8
150 172.3 0.0 346.0





#73

Isopropylbenzene

Concen: 47.307 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

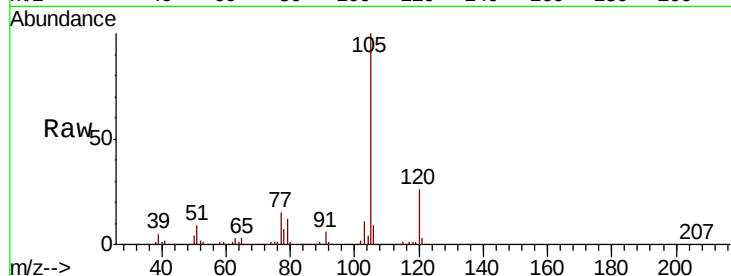
VSTDCCC050EC

Tot Ion:105 Resp: 941483

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

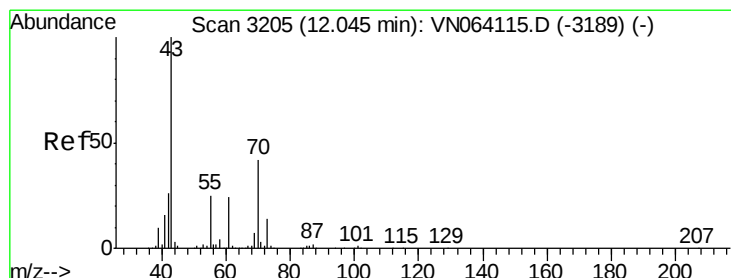
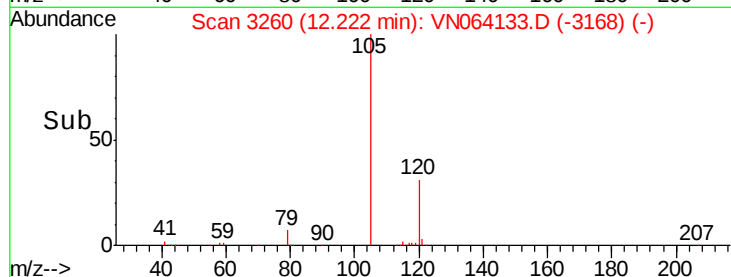
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 53.039 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion: 43 Resp: 395297

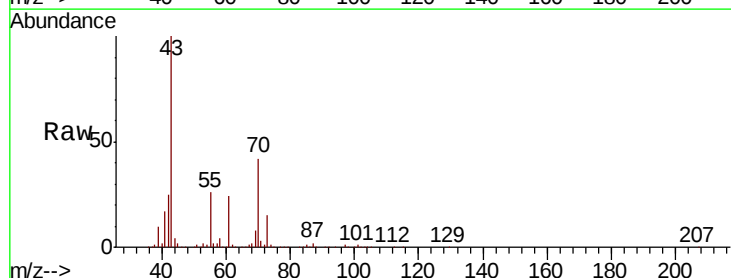
Ion Ratio Lower Upper

43 100

70 42.5 33.2 49.8

55 25.9 19.9 29.9

61 24.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

400000

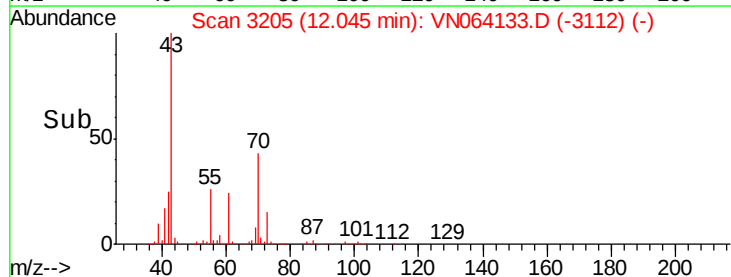
300000

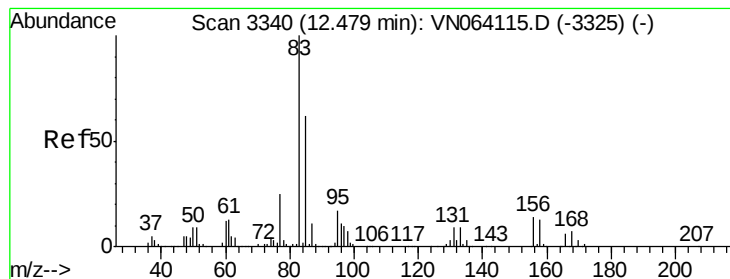
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.390 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

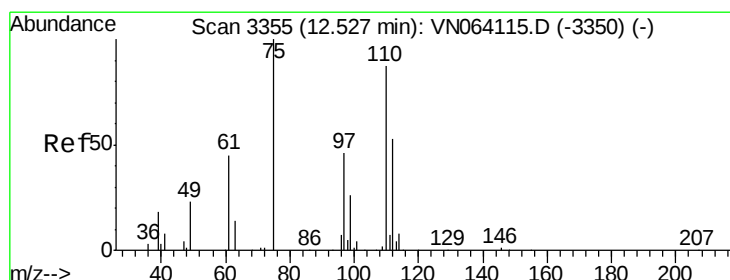
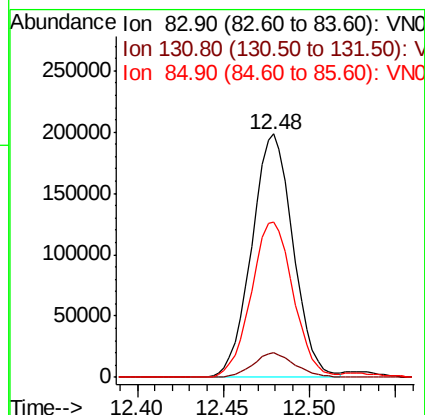
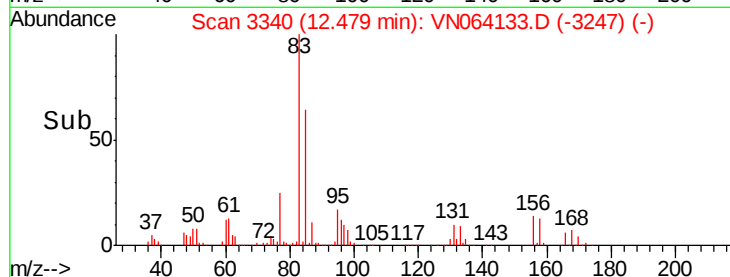
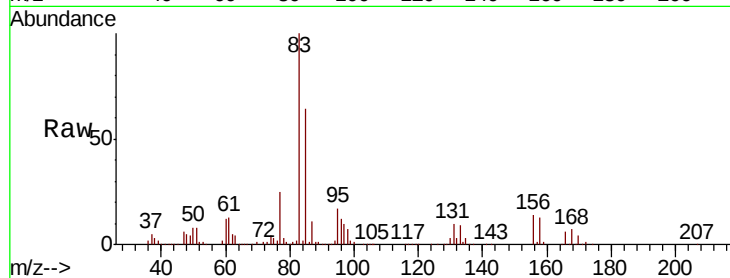
Tot Ion: 83 Resp: 331566

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 64.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 66.271 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064133.D

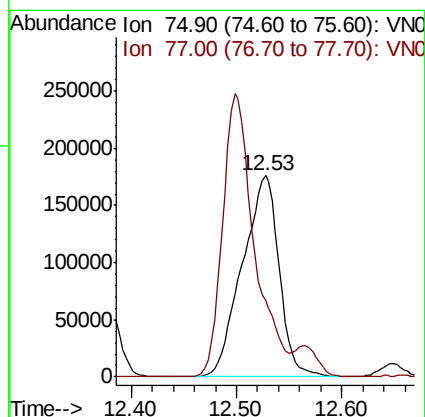
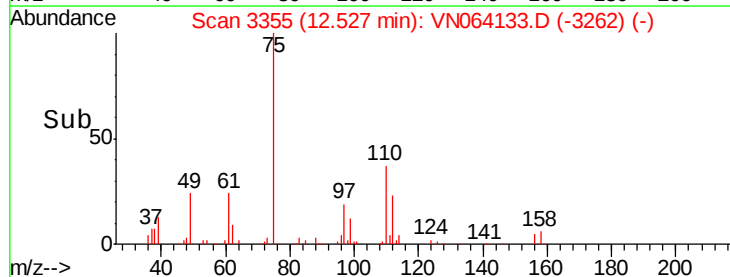
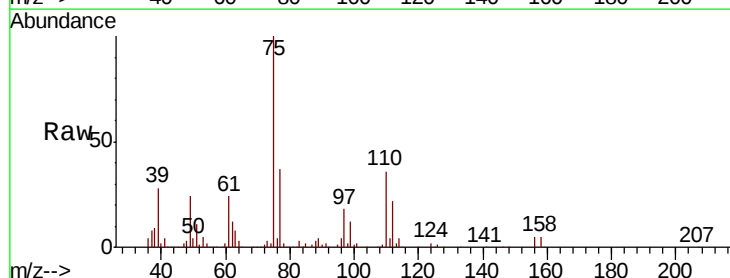
Acq: 14 Oct 2020 23:43

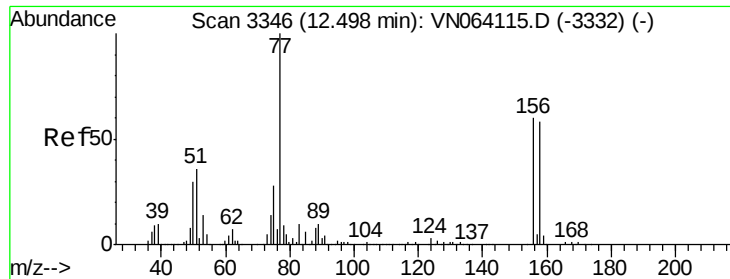
Tgt Ion: 75 Resp: 427175

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.790 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

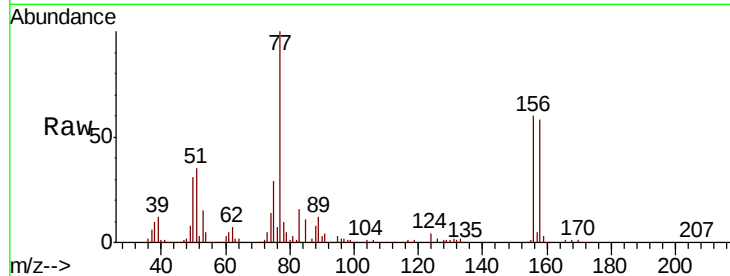
Tot Ion:156 Resp: 258208

Ion Ratio Lower Upper

156 100

77 200.0 99.3 297.9

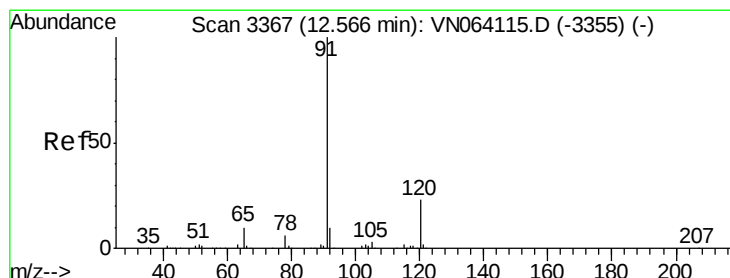
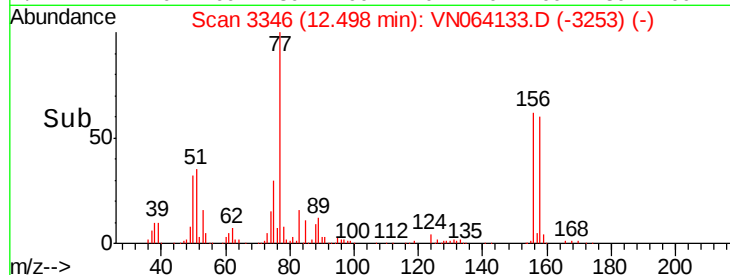
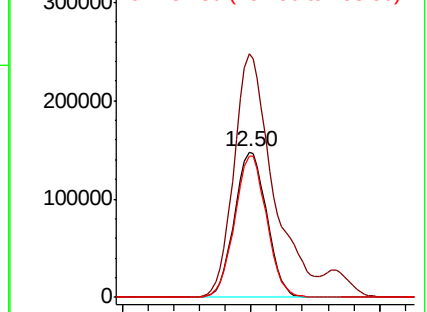
158 96.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.679 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064133.D

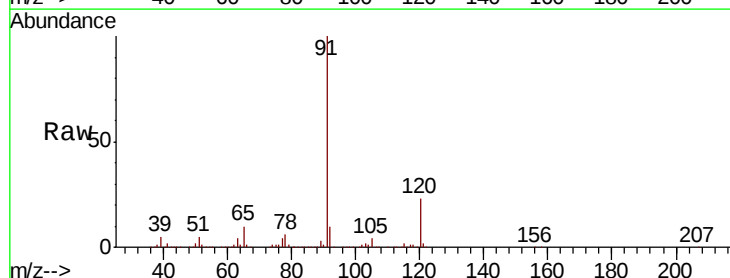
Acq: 14 Oct 2020 23:43

Tgt Ion: 91 Resp: 1081312

Ion Ratio Lower Upper

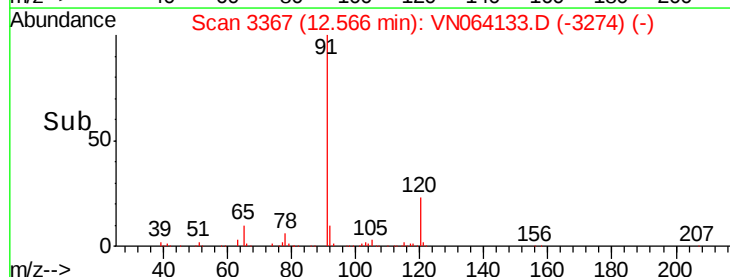
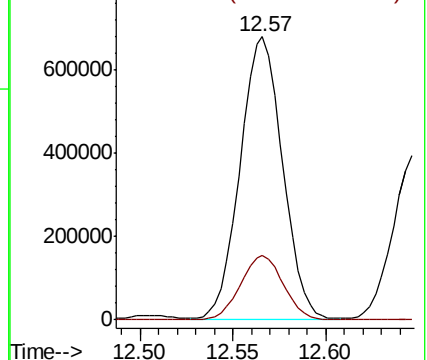
91 100

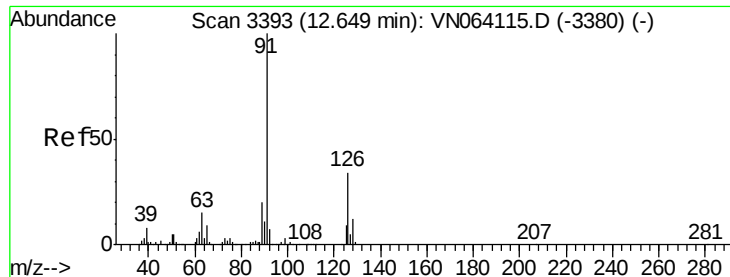
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

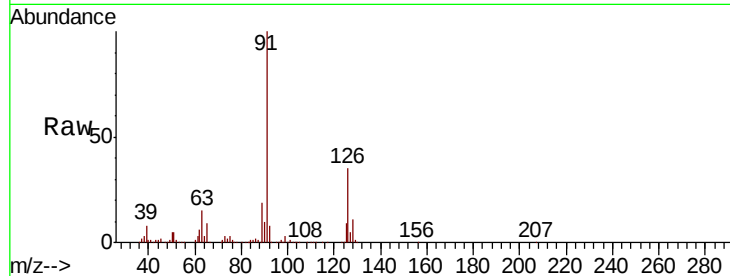




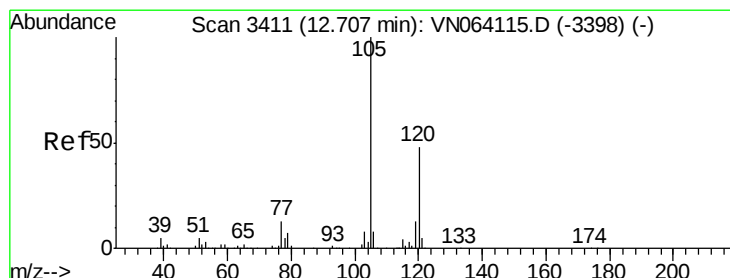
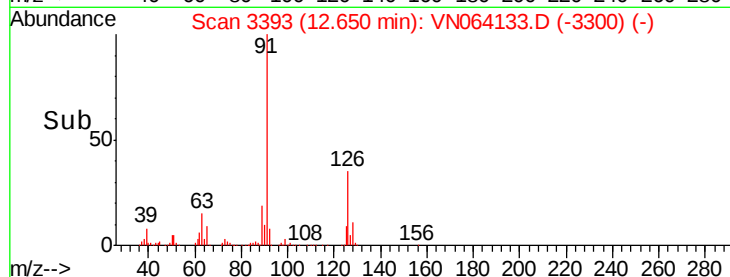
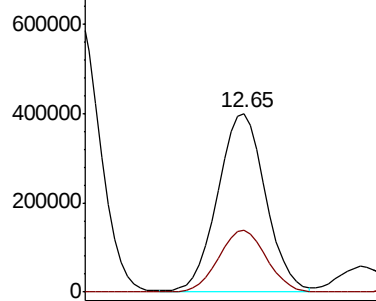
#79
 2-Chlorotoluene
 Concen: 46.974 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 663625
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.5

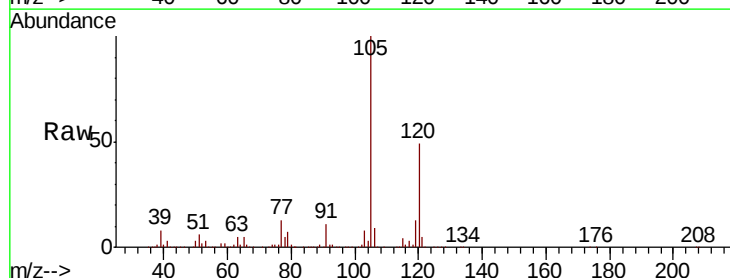


Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3380) (-)
 Ion 125.90 (125.60 to 126.60): VN064115.D (-3380) (-)

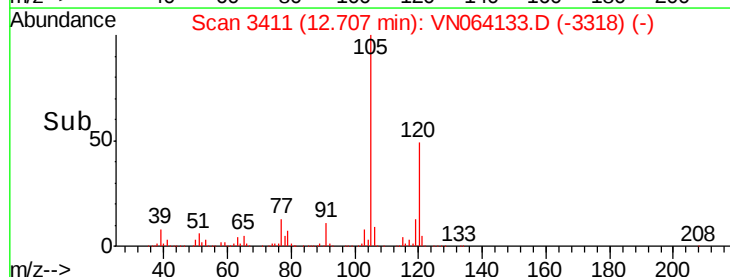
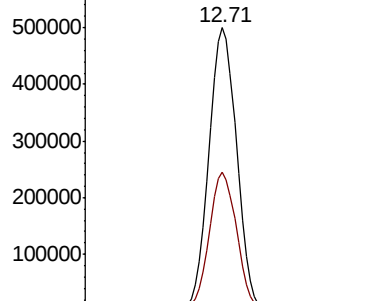


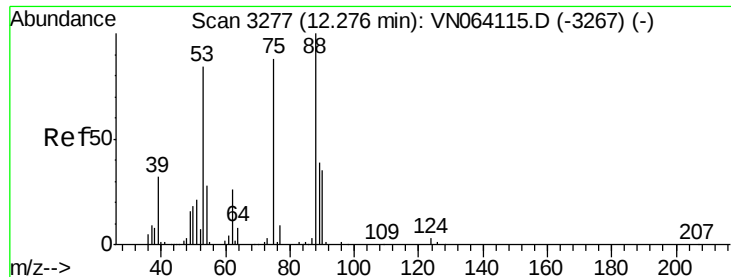
#80
 1,3,5-Trimethylbenzene
 Concen: 49.411 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 105 Resp: 789308
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3398) (-)
 Ion 120.00 (119.70 to 120.70): VN064115.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.840 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

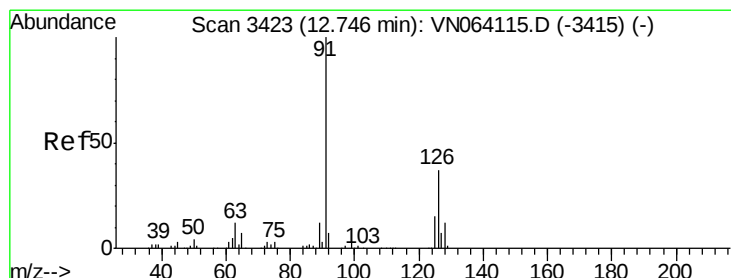
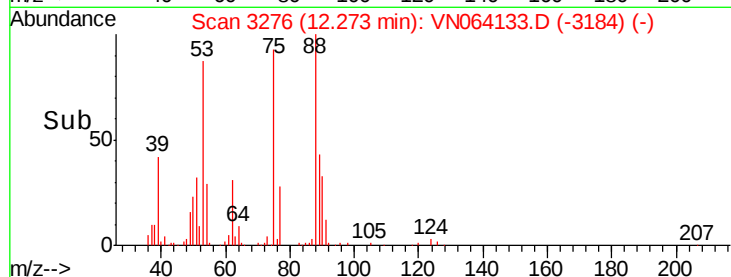
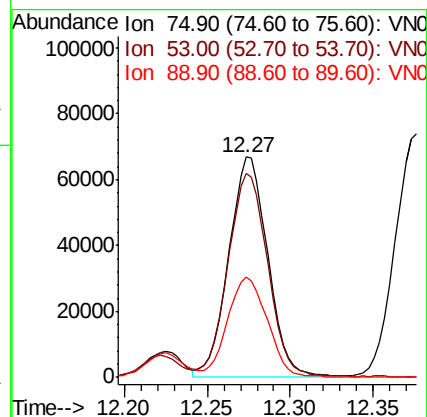
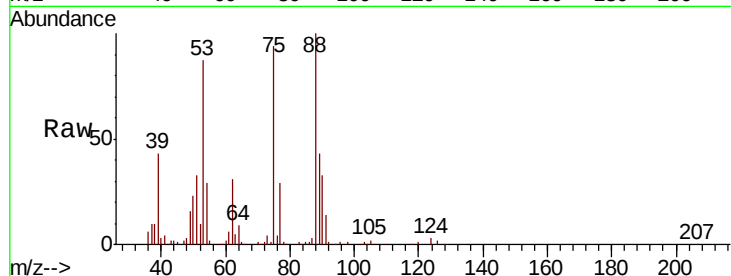
Tot Ion: 75 Resp: 109372

Ion Ratio Lower Upper

75 100

53 93.1 75.7 113.5

89 46.7 36.6 55.0



#82

4-Chlorotoluene

Concen: 47.832 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064133.D

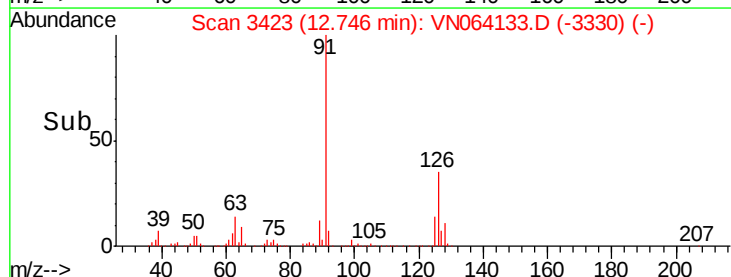
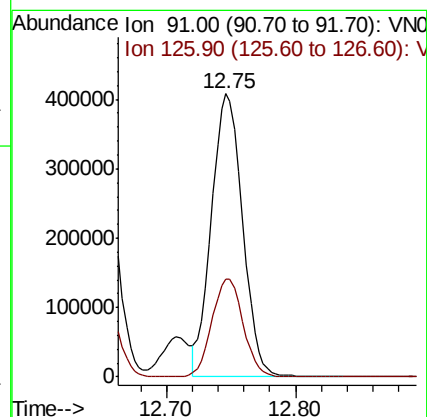
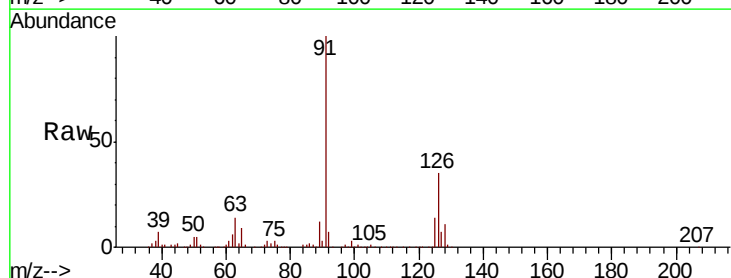
Acq: 14 Oct 2020 23:43

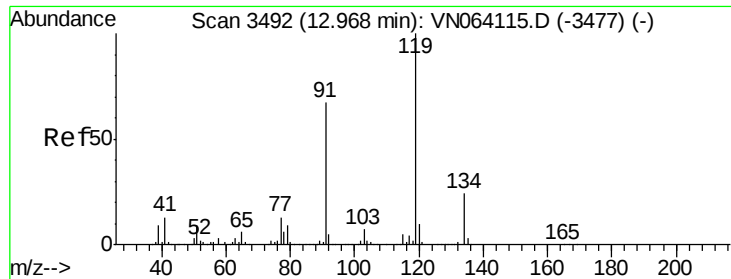
Tgt Ion: 91 Resp: 681051

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2

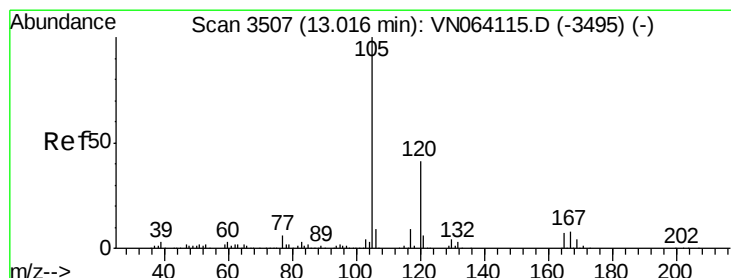
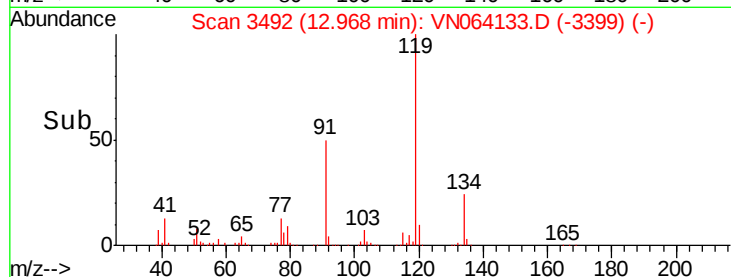
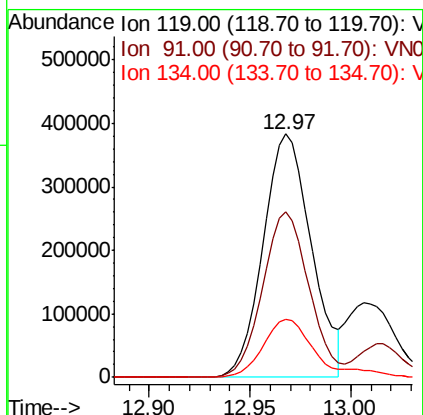
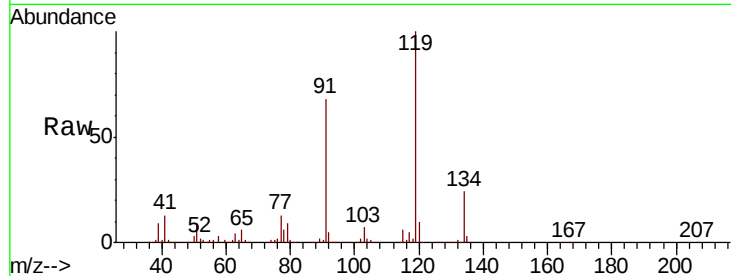




#83
tert-Butylbenzene
Concen: 48.274 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

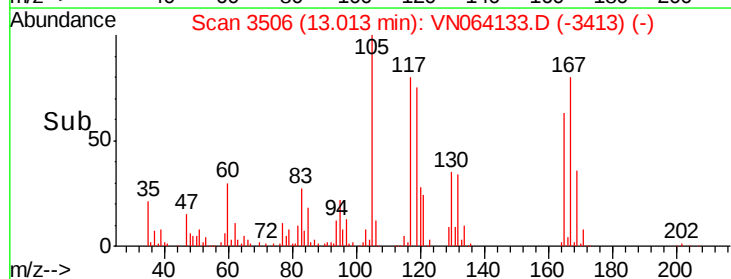
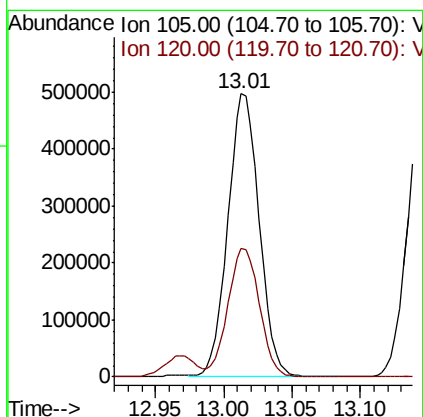
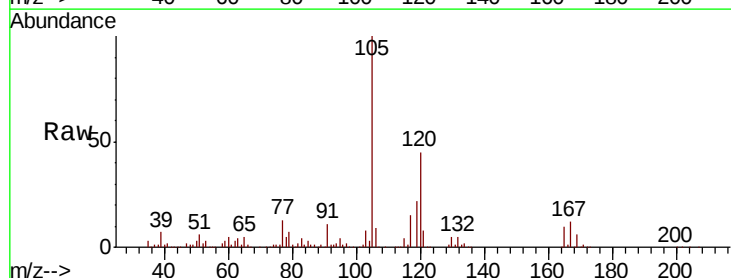
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

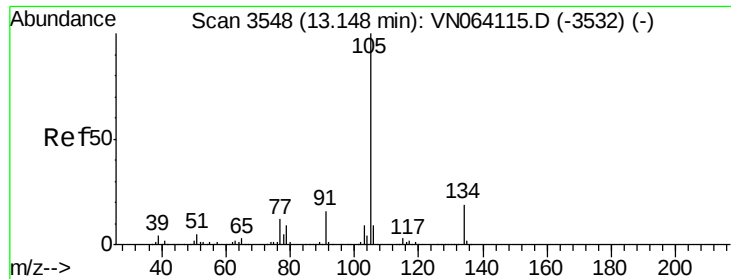
Tot Ion:119 Resp: 637755
Ion Ratio Lower Upper
119 100
91 65.3 32.6 98.0
134 25.9 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 47.548 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion:105 Resp: 791526
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 48.176 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

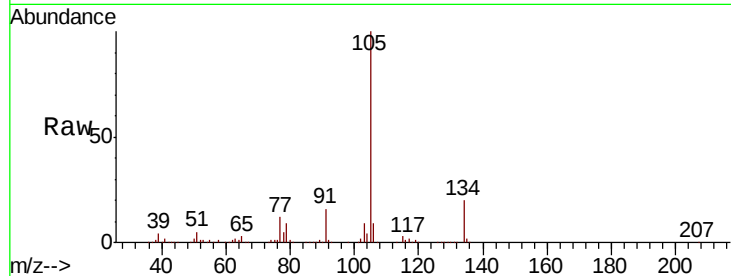
VSTDCCC050EC

Tot Ion:105 Resp: 818181

Ion Ratio Lower Upper

105 100

134 20.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

600000

500000

400000

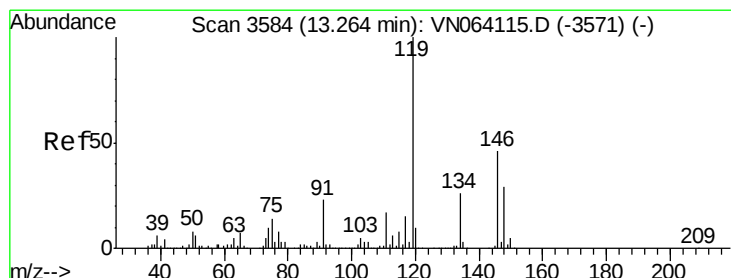
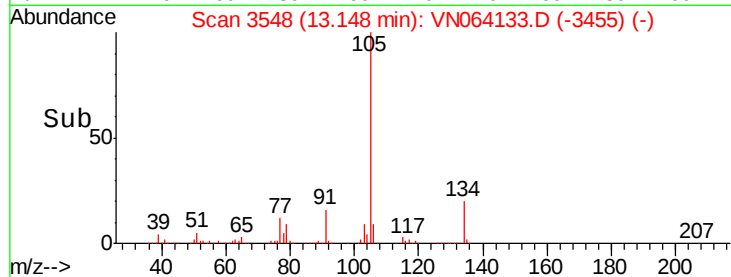
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 46.974 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

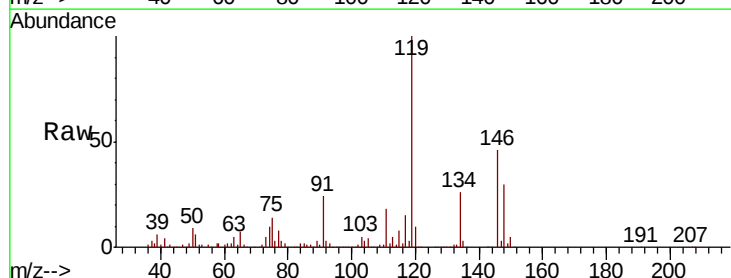
Tgt Ion:119 Resp: 753922

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 23.5 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

600000

500000

400000

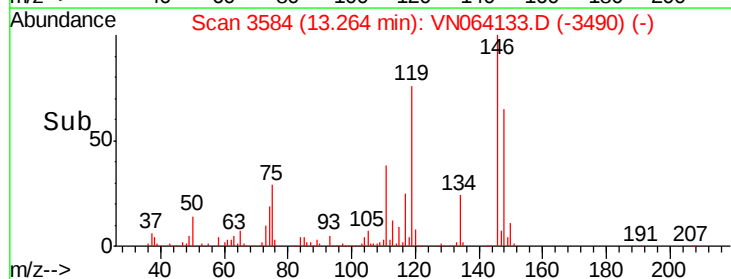
300000

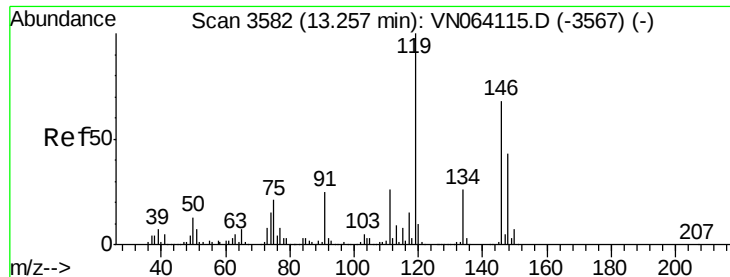
200000

100000

0

Time--> 13.20 13.30 13.40

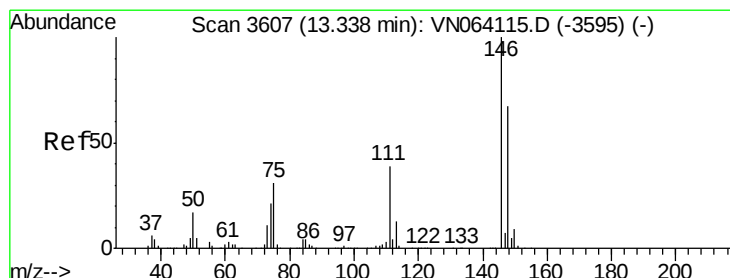
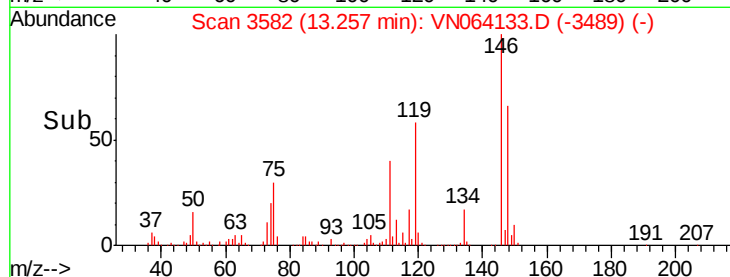
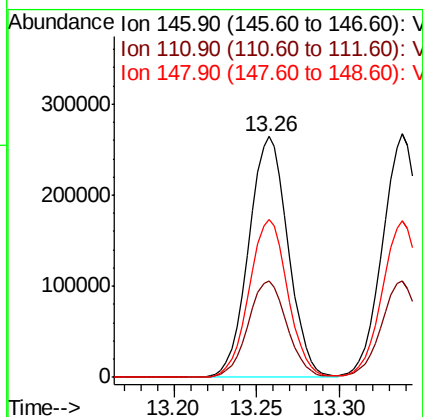
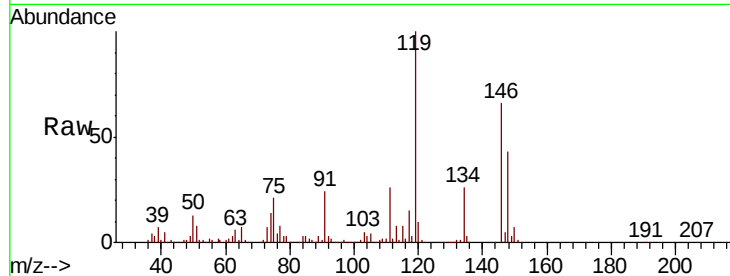




#87
 1,3-Dichlorobenzene
 Concen: 48.570 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

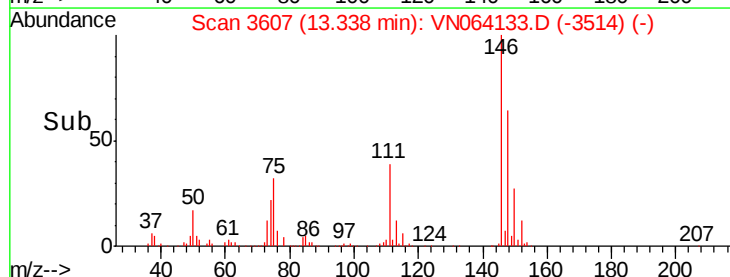
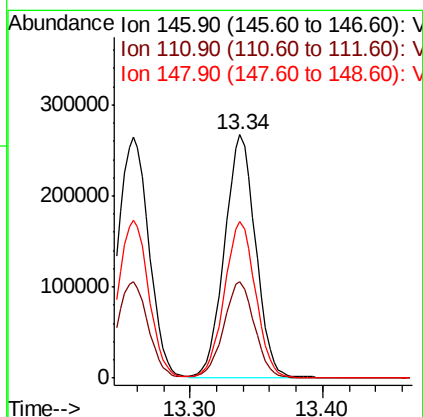
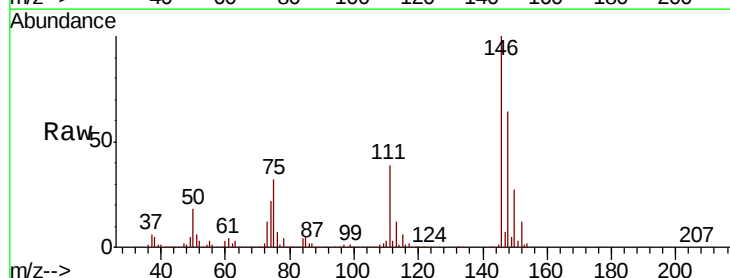
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

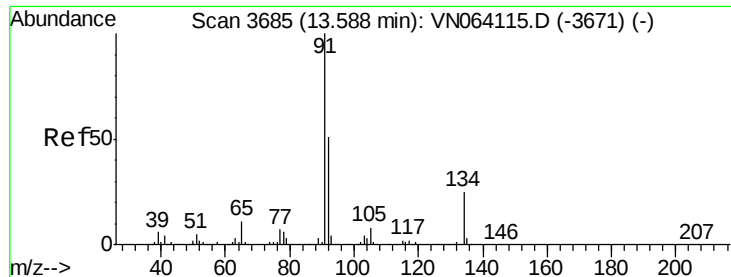
Tot Ion:146 Resp: 437232
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.1
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.022 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion:146 Resp: 432956
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.3 57.9
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 48.283 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

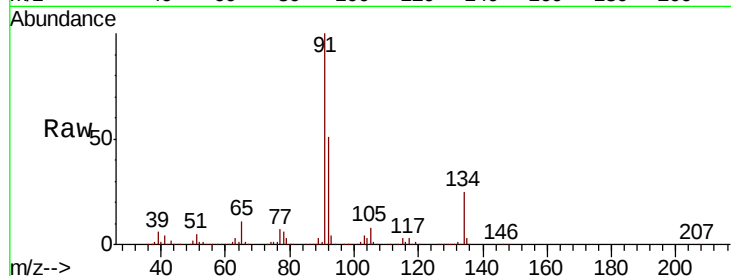
Tot Ion: 91 Resp: 597522

Ion Ratio Lower Upper

91 100

92 50.3 25.6 76.6

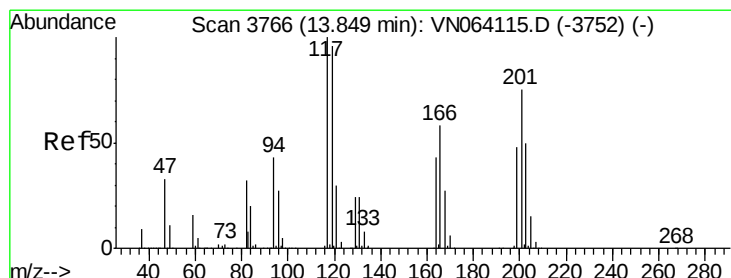
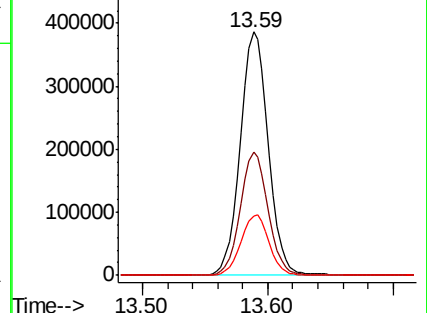
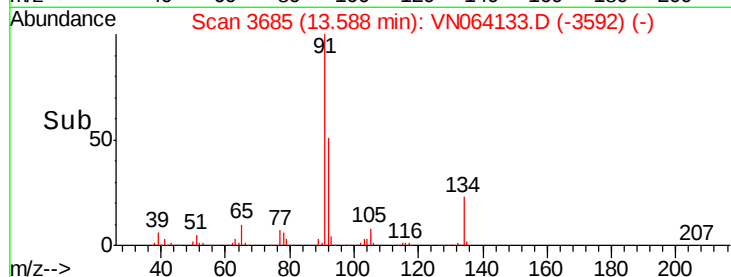
134 25.0 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064115.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064115.D (-3671) (-)



#90

Hexachloroethane

Concen: 45.538 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064133.D

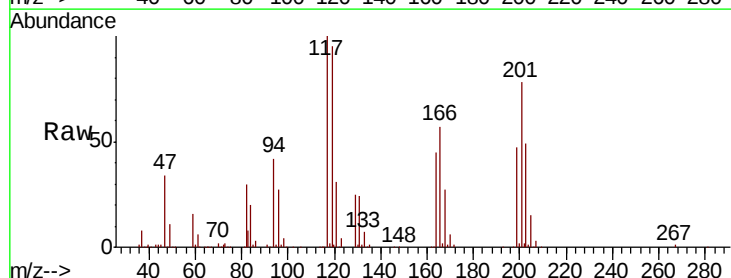
Acq: 14 Oct 2020 23:43

Tgt Ion: 117 Resp: 128710

Ion Ratio Lower Upper

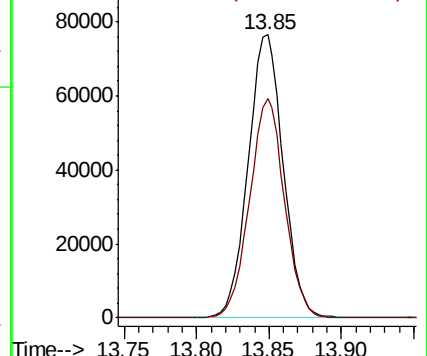
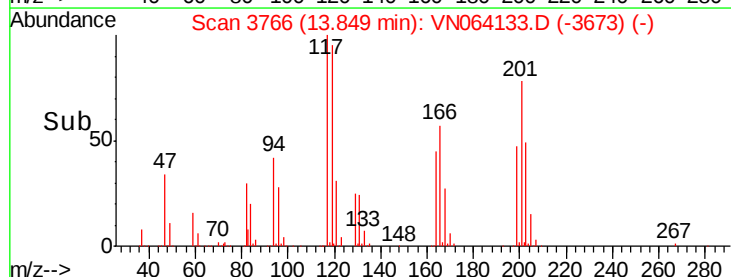
117 100

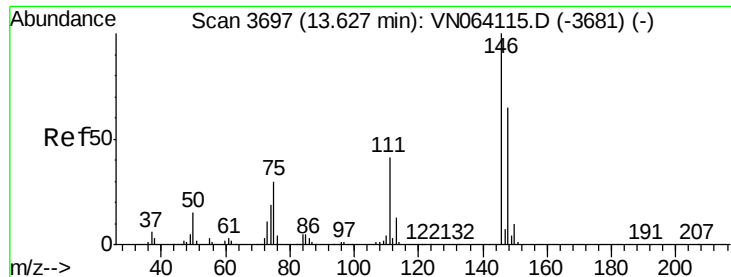
201 77.1 37.4 112.2



Abundance Ion 116.80 (116.50 to 117.50): VN064115.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN064115.D (-3752) (-)





#91

1,2-Dichlorobenzene

Concen: 48.783 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

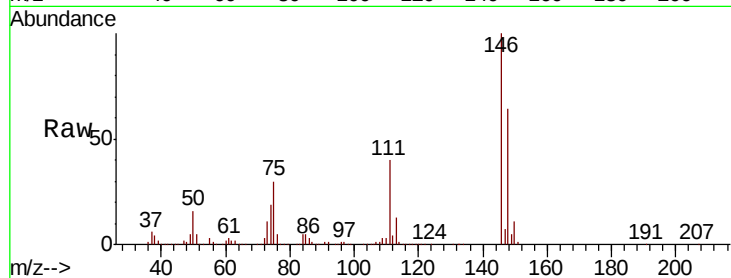
Tot Ion:146 Resp: 437086

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.8

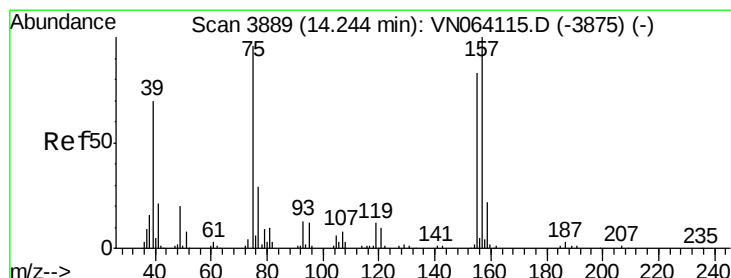
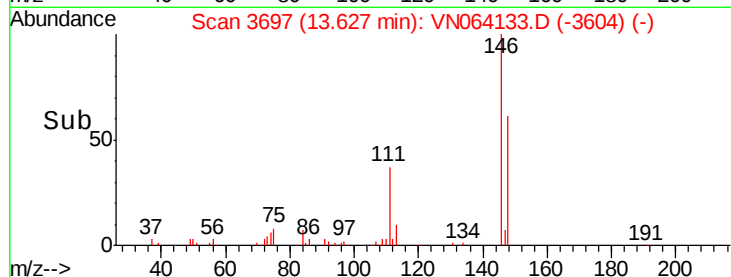
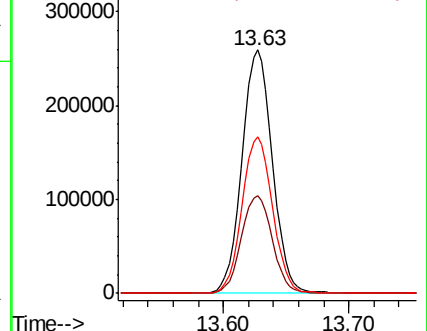
148 64.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.895 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

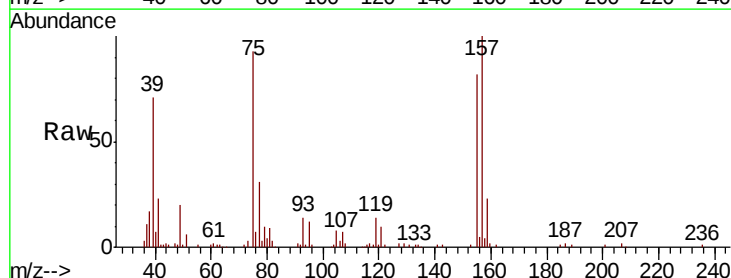
Tgt Ion: 75 Resp: 65801

Ion Ratio Lower Upper

75 100

155 82.9 40.8 122.2

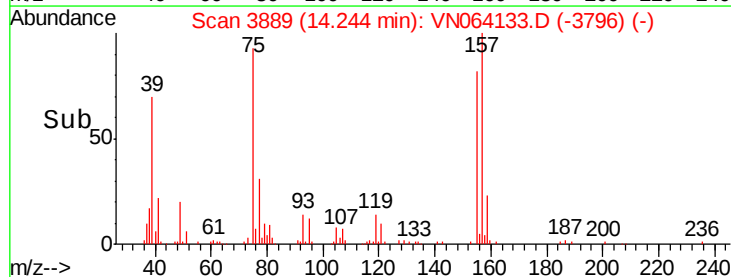
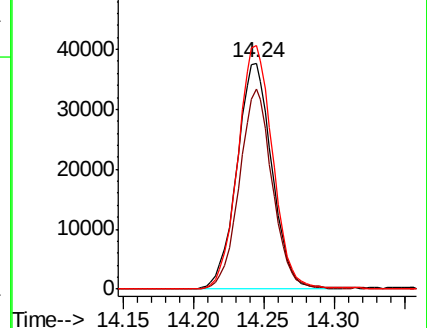
157 107.5 53.9 161.7

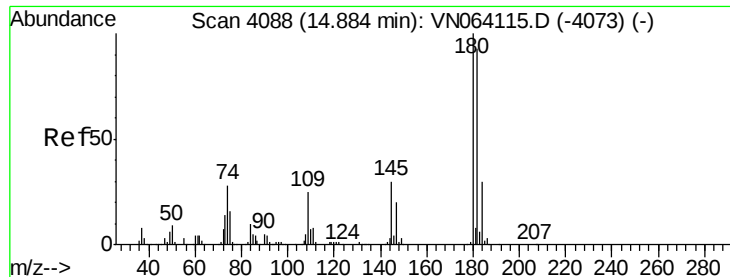


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

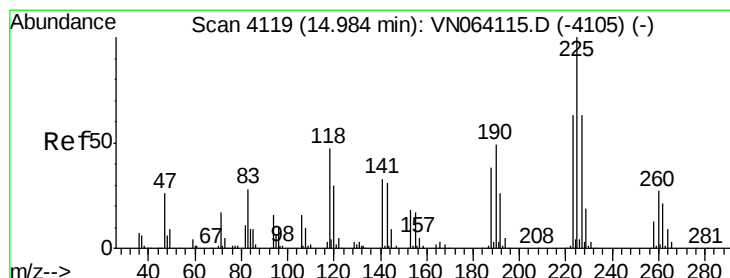
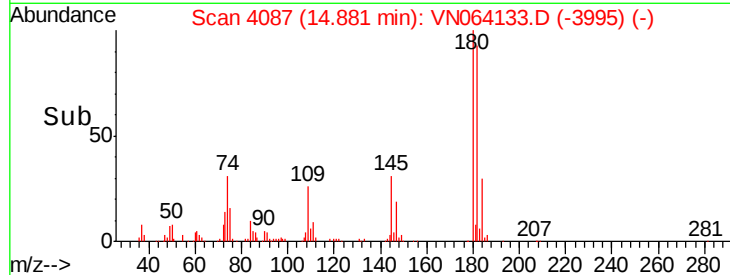
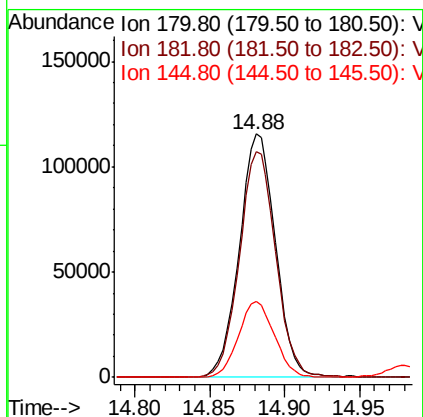
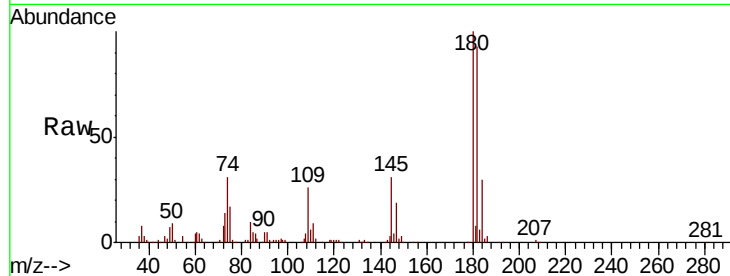




#93
 1,2,4-Trichlorobenzene
 Concen: 44.417 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

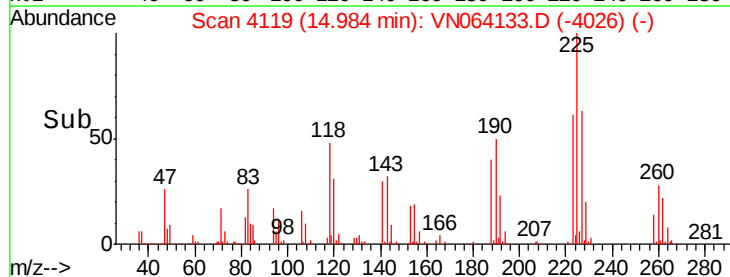
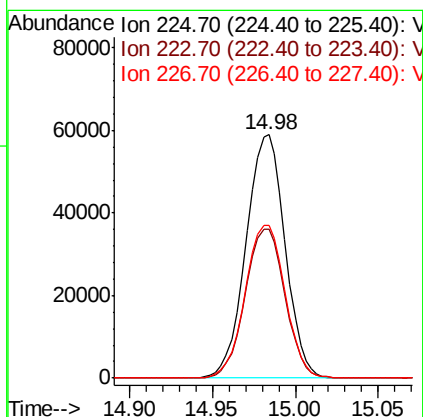
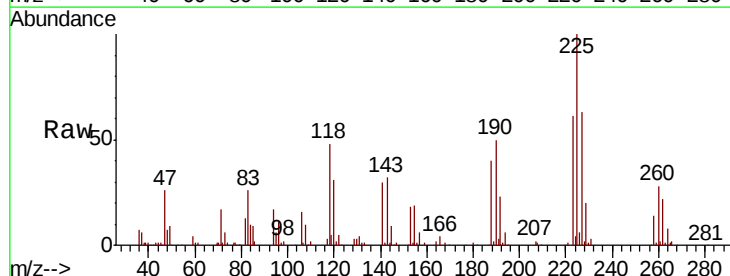
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

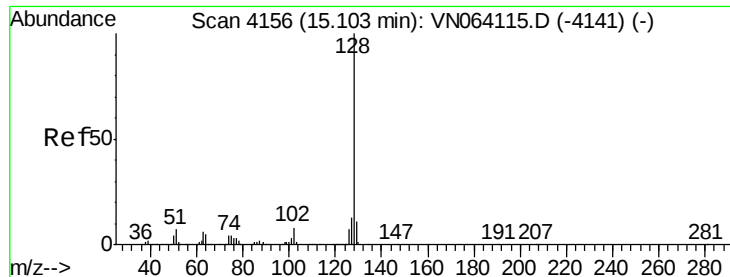
Tot Ion:180 Resp: 193753
 Ion Ratio Lower Upper
 180 100
 182 93.5 45.8 137.4
 145 31.2 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 45.125 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion:225 Resp: 96317
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.3 96.9
 227 64.5 31.6 94.8





#95

Naphthalene

Concen: 45.345 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

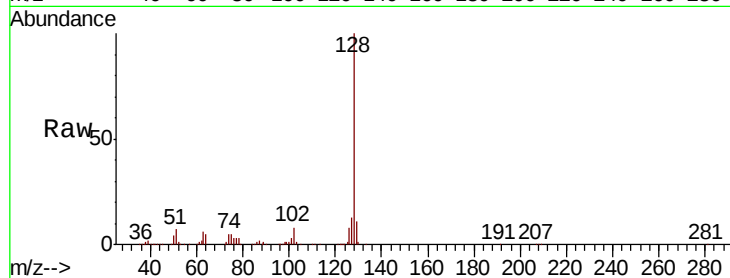
Tot Ion:128 Resp: 604657

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

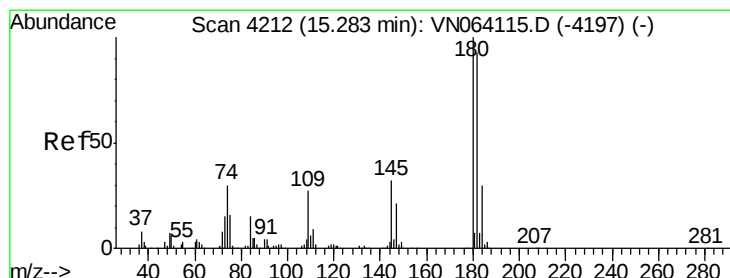
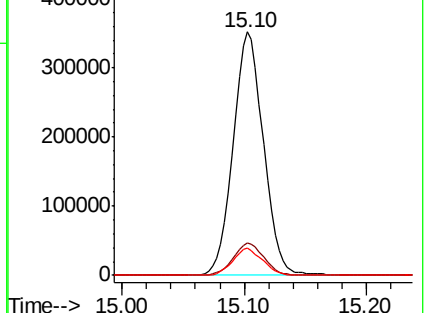
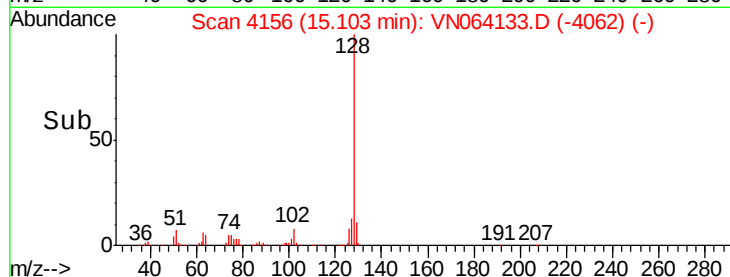
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.272 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

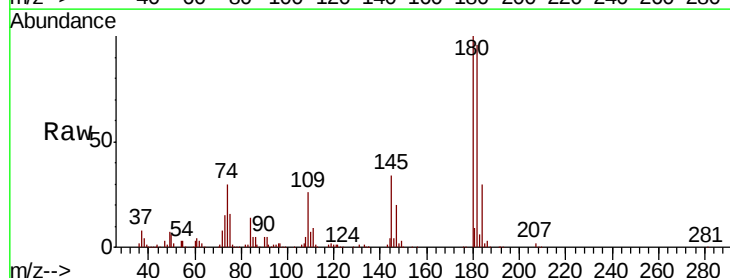
Tgt Ion:180 Resp: 197288

Ion Ratio Lower Upper

180 100

182 95.0 46.6 139.8

145 33.0 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

